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ABSTRACT

Results of the 1986 North Carolina Higher Education Facilities Inventory and Utilization Study are presented, based on data from 114 colleges. Tabular data and narratives appear under four headings: utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. Statistics for private institutions are shown by group (major research universities, general baccalaureate colleges, and junior colleges), while individual state college data are provided. Information is included on: capacity/enrollment ratio, average weekly room hours of instruction in classrooms and class laboratories, and average weekly use of student stations in classrooms and class laboratories. Interior space characteristics and accessibility for the mobility impaired are covered for the following subprograms: instruction, research, and public service; academic support; student services and physical plant operations; and institutional administration and independent operations. Additional information covers: building ownership, the condition of buildings, and estimated cost to renovate or replace buildings. An institutional index is included. (SW)

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HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 1986

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Regional High Techology Training Center, Haywood Technical College

The *Facilities Inventory and Utilization Study* is published annually by:

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HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

Facilities Inventory and Utilization Study Fall of 1986

For

THE STATE OF NORTH CAROLINA

TWENTIETH EDITION

THE UNIVERSITY OF NORTH CAROLINA
Commission on Higher Education Facilities
Chapel Hill, North Carolina

September 1987

The Regional High Technology Training Center
Haywood Technical College

(Cover Photo)

The Regional High Technology Training Center at Haywood Technical College opened for operation in the summer of 1986. Funding for this technical and vocational training facility, which cost over $3,500,000, came from a variety of public and private sources. The five-acre site was an in-kind contribution by the Waynesville Industrial Park, Inc., located near the campus.

The 24,558-square foot building houses laboratory, classroom, display, resource library and storage space in addition to a teaching auditorium. This new facility and its design are based on Haywood Technical College's recognition of a revolutionary shift in the organization of manufacturing activity in western North Carolina and the associated shifts in requirements for skilled workers. Emplacement of this high technology center and an appropriate training curriculum thus serves both individuals and industries in the area as they adapt to the needs for new workplace skills and capabilities.

The new center's stated objectives address these organizational shifts and skill requirements: (1) to serve as a high technology demonstration and information center for the area's existing industries and businesses, (2) to provide a facility where manufacturers and suppliers can display and demonstrate high technology equipment, (3) to provide a training facility for training technicians in high technology fields, (4) to offer training/retraining programs for workers in converting firms and those workers displaced by technology innovations and (5) to serve as a resource library for industry and business people in the area. The Regional High Technology Training Center thus meets an overall objective of recruiting new industries to the State by serving as an example of North Carolina's commitment to high technology industries.

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(Note: Chancellors and Presidents are listed as of the publication date. The Project Officers are the persons who supplied the data used in this year's study.)

Foreword

This study, the twentieth in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the add-drop period of the 1986 fall term at each college. It also gives some indications of the use being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and state authorities, making data on North Carolina facilities available to other Commissions for comparative purposes, and providing participating institutions with data which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 1986 comprehensive planning studies.

Public senior institutions; community colleges, technical colleges, and technical institutes; and private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Facilities Technical Committee.

Special acknowledgement and appreciation are expressed to the following individuals for their cooperation and contributions: Philip Albano and Julian Wingfield of the Department of Community Colleges, Hope Williams of the N. C. Center for Independent Higher Education, William Kirkland of Duke University, James Pierce of N. C. Central University, Thomas Heath and Maurice Salani, formerly of the Commission, and J. Patrick Jackson and Henry Holmes of The University of North Carolina-General Administration. The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

The Commission staff also expresses appreciation to members of the Facilities Advisory Committee for their advice and counsel through the years.

Charles L. Wheeler
Director

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Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by the State Commission on Higher Education Facilities, which is part of The University of North Carolina-General Administration.

Institutions Included

The study provides data for 114 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise The University of North Carolina, 40 private non-profit colleges and universities, and the 58 public two-year institutions which represent the Community College System. In addition, data are provided for North Carolina Memorial Hospital, a part of The University of North Carolina. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on page v-x, along with the name of the President or Chancellor and the Commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 198-200.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities, general baccalaureate colleges, and junior colleges. Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study.

Because of the unique facilities requirements of medical schools, data for the Divisions of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill are listed separately from their parent campuses. For similar reasons, the Higher Education Facilities Commission began in 1983 to list separately the data for North Carolina State University's School of Veterinary Medicine. It should be noted that the Veterinary School was first reflected in the study in 1982, but its data that year were not listed separately.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the size and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

The Higher Education Facilities Commission maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of

a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution supplies the Commission with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the Commission with a computer tape of its current facilities inventory.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Many institutions provide these data on computer tape or diskette. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the Commission keys this information onto computer tape. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. The report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventories or compiling utilization data are given technical assistance by the Commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The Commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the Commission staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives two copies of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided are two copies of the Building Data Summary Report, which analyzes in detail the institution's building data, and ten statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of The University of North Carolina-General Administration (UNC constituent institutions only), the Depart-

ment of Community Colleges (two-year public institutions only), and to the Office of State Property of the Department of Administration (UNC constituent institutions only).

The Facilities Inventory and Utilization Study is based on the data contained in these tables and reports. It is distributed to the president or chancellor of each institution, the Commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the Commission's advisory committees. Copies are available without charge to persons who request them.

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such things as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition does include trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Divisions of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, or by the Bowman Gray School of Medicine, the Duke University Medical Center, North Carolina Memorial Hospital, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which create problems in reporting utilization data. The following changes in the utilization reporting procedures have been made to reflect these situations accurately and fairly in the data.

The campus of the School of the Arts is used to instruct secondary school students as well as students at the college level. To reflect this fact, the high school courses conducted on that campus were also considered in calculating student clock hours for that institution. The high school students were not included in the full-time equivalent enrollment figures for the School of the Arts, however. This has the effect of significantly underestimating

the total utilization of academic space at the School of the Arts as reported in Table 2. It should also be noted that the programs conducted at the School of the Arts inherently require significantly more space per student than at other constituent institutions of The University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. Beginning in 1981, the student clock hours of UNC at Asheville reflected these WCU courses, as well as courses for WCU students sponsored by UNC at Asheville and conducted on its campus. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville.

Gardner-Webb College offers classes on the campus of Mitchell Community College. These classes have been included in the utilization data for Mitchell but are not reflected in the full-time equivalent enrollment for that institution.

In 1985, Fayetteville State University and the University of North Carolina at Wilmington became comprehensive universities. Their 1985 and 1986 data are reported under "Comprehensive Universities," but their data for prior years remain under their previous status of "General Baccalaureate Universities."

Charles A. Cannon Complex, Wingate College

The Charles A. Cannon Complex at Wingate College was completed in 1986 at a cost of $3,500,000. Funded largely by private grants, the building serves as Wingate's primary intercollegiate basketball and assembly facility and provides additional new space for the college's physical education program.

The design of the 52,000-square foot building features lobbies which are naturally lit with large skylights and anchored by solid brick paver floors. Cuddy Arena, with a seating capacity of 2,300, houses a 12,000-square foot gymnasium, two basketball half-courts, two racquetball courts and a volleyball court in addition to extensive locker and office facilities. A 7,344-square foot swimming pool opens to a large sun deck.

Utilization of Instructional Space

Capacity/Enrollment Ratio 9
Sq. Ft. of Academic Facilities Per FTE Student 17
Room Hours of Instruction in Classrooms 24
Room Hours of Instruction in Class Laboratories 30
Use of Student Stations in Classrooms 36
Use of Student Stations in Class Laboratories 42
Percent Student Station Utilization 48
Student Clock Hours of Instruction 55
Space Factors 58
Ranges of Space Utilization Indices 62
Space Criteria 64
FTE Enrollments 69

TABLE 1:
CAPACITY/ENROLLMENT RATIO

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used indices of instructional utilization of institutional facilities.

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been between 4 and 5 for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 85-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom
115 Classroom Service

210 Class Laboratory
215 Class Laboratory Service

220 Special Class Laboratory
225 Special Class Lab Svc.

230 Individual Study Laboratory
235 Individual Study Lab Svc.

310 Office
315 Office Service

410 Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

510 Armory
515 Armory Service

520 Athletic-Physical Ed.
525 Ath.-Phys. Ed. Svc.

Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

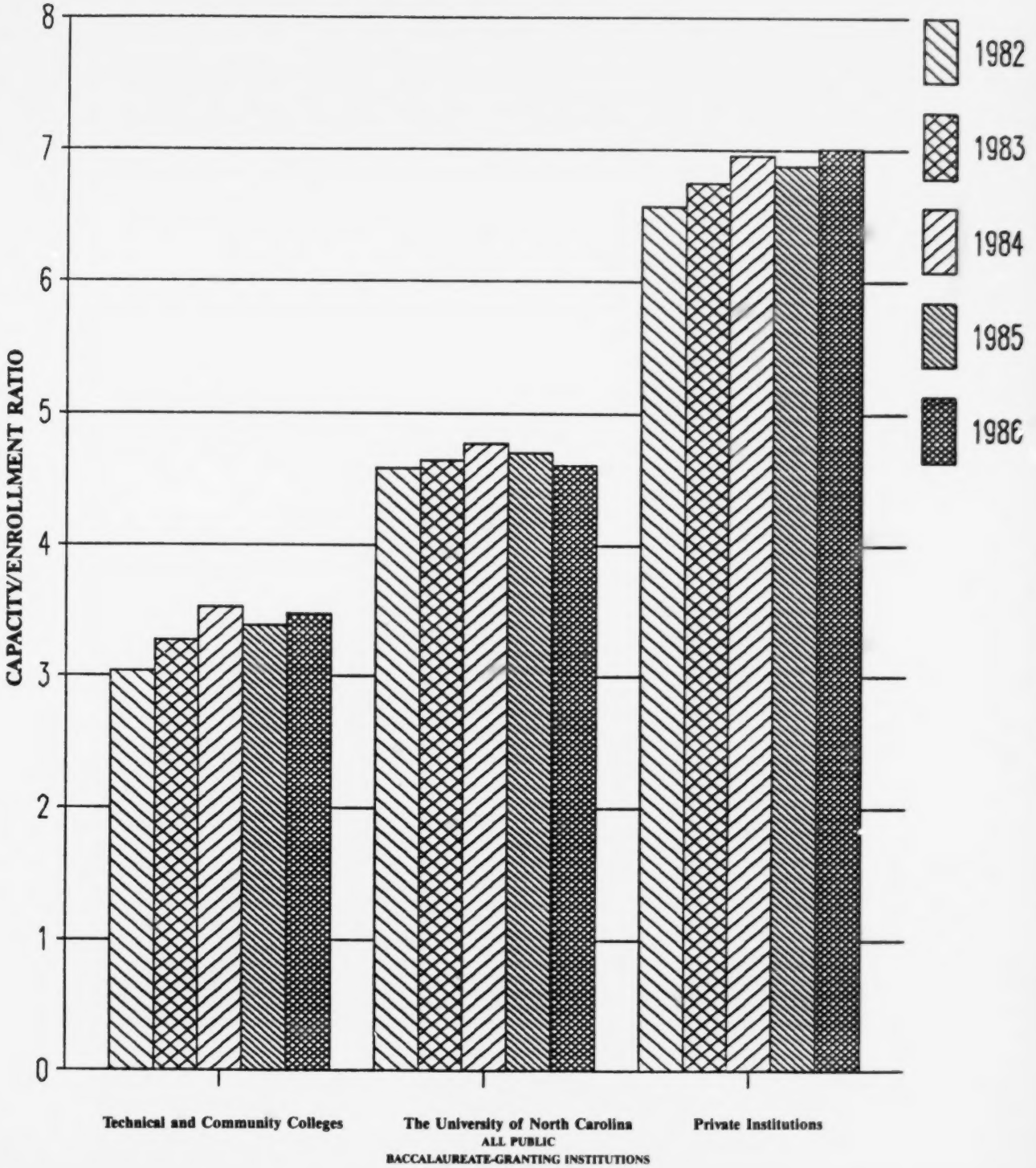
Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the add-drop period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

CAPACITY/ENROLLMENT RATIO



Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1986	1985	1984	1983	1982
Major Research Universities:							
NC State	1,150,078	329,063.0	3.50	3.55	3.53	3.66	3.91
NC State Vet.	-	-	-	-	-	-	-
UNC-Chapel Hill	1,347,273	255,271.0	5.28	5.40	6.20	5.13	5.02
UNC-Health Aff.	-	-	-	-	-	-	-
SUBTOTAL	2,497,351	584,334.0	4.27	4.36	4.67	4.30	4.40
Other Doctoral Universities:							
UNC-Greensboro	579,925	119,700.5	4.84	4.99	5.12	5.43	5.03
Comprehensive Universities:							
Appalachian	611,039	148,003.5	4.13	4.44	4.50	4.50	4.22
East Carolina	632,949	179,497.5	3.53	3.59	3.60	3.64	3.53
ECU-Health Aff.	-	-	-	-	-	-	-
Fayetteville	176,595	38,132.5	4.63	4.62	-	-	-
NC A & T	516,628	80,916.5	6.38	5.83	6.41	6.32	5.59
NC Central	437,492	56,337.0	7.77	7.70	6.41	5.59	5.28
UNC-Charlotte	558,489	149,396.0	3.74	3.89	3.64	3.58	3.64
UNC-Wilmington	242,795	82,880.5	2.93	3.03	-	-	-
West'n Carolina	520,413	78,101.5	6.66	6.29	5.74	5.83	5.79
SUBTOTAL	3,696,400	813,265.0	4.55	4.60	4.65	4.58	4.40
Gen. Baccalaureate Universities:							
Elizabeth City	173,111	29,692.5	5.83	6.78	7.42	7.22	7.28
Fayetteville	-	-	-	-	5.13	4.59	4.94
Pembroke	189,268	30,252.0	6.26	6.80	7.21	7.41	6.70
UNC-Asheville	146,087	34,063.5	4.29	4.53	3.65	4.47	4.83
UNC-Wilmington	-	-	-	-	3.17	3.28	3.35
Winston-Salem	211,357	34,961.0	6.05	6.60	6.58	6.12	6.22
SUBTOTAL	719,823	128,969.0	5.58	6.11	4.91	4.97	5.06

Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1986	1985	1984	1983	1982
Specialized Institution:							
NC Sch. of Arts*	168,886	21,265.5	7.94	8.40	7.60	6.63	6.99
Technical and Community Colleges:							
SUBTOTAL	5,203,530	1,501,354.5	3.47	3.38	3.52	3.27	3.03
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL	1,216,465	178,566.0	6.81	7.02	6.95	7.01	7.16
Gen. Baccalaureate Colleges:							
SUBTOTAL	3,292,901	468,020.5	7.04	6.83	6.98	6.71	6.47
Junior Colleges:							
SUBTOTAL	504,028	68,660.5	7.34	6.92	6.89	6.49	6.09
GRAND TOTAL	17,879,309	3,884,135.5	4.60	4.59	4.71	4.50	4.33

*High school courses at N. C. School of the Arts are included in the data for that institution.

Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1986	1985	1984	1983	1982
Technical and Community Colleges:							
Anson TC	33,149	5,392.5	6.15	5.66	8.31	6.22	5.38
Ashev'le-Bun. TC	144,912	41,911.5	3.46	3.64	4.18	3.36	3.28
Beaufort Co. CC	68,405	13,471.0	5.08	4.85	5.86	5.12	4.39
Bladen TC	45,490	8,943.5	5.09	5.23	6.41	6.66	4.82
Blue Ridge TC	63,652	16,147.0	3.94	3.83	4.15	4.34	3.98
Brunswick TC	47,974	9,752.5	4.92	4.86	5.09	5.46	3.67
Caldwell CC & TI	78,445	23,300.5	3.37	3.19	3.35	3.14	2.92
Cape Fear TI	99,253	34,910.0	2.84	3.23	3.57	3.25	2.85
Carteret TC	61,920	18,476.5	3.35	3.42	3.68	3.30	3.24
Catawba Vy. TC	119,575	31,500.0	3.80	3.57	4.09	3.45	3.45
C. Carolina TC	80,680	26,832.0	3.01	2.97	3.02	2.71	2.50
C. Piedmont CC	308,314	167,117.0	1.84	2.22	2.26	2.11	2.01
Cleveland TC	91,146	15,438.5	5.90	4.10	4.06	4.50	4.08
Coastal Car. CC	116,667	42,738.5	2.73	2.67	3.07	2.98	2.83
Col. Albemarle	72,722	20,912.0	3.48	3.47	4.11	3.21	3.42
Craven CC	78,634	29,179.5	2.69	2.85	2.82	3.50	3.35
Davidson Co. CC	106,350	29,084.5	3.66	3.46	3.64	3.43	2.70
Durham TCC	99,587	37,189.0	2.68	2.73	2.75	2.75	2.16
Edgecombe TC	63,700	11,192.0	5.69	6.10	6.21	4.76	4.24
Fayettev'le TI	159,997	68,394.0	2.34	2.39	2.30	1.99	2.03
Forsyth TC	205,998	49,929.0	4.13	3.88	3.47	3.01	2.98
Gaston Col.	141,730	31,936.0	4.44	3.69	4.32	4.28	2.99
Guilford TCC	273,302	84,992.0	3.22	3.53	3.66	3.08	2.67
Halifax CC	63,323	14,727.0	4.30	3.33	2.90	3.21	2.74
Haywood TC	116,091	27,082.5	4.29	3.50	4.16	3.53	3.87
Isothermal CC	115,511	25,116.5	4.60	4.29	4.34	4.71	4.40
J. Sprunt CC	58,163	9,366.5	6.21	5.53	5.29	4.07	4.25
Johnston TC	81,249	23,311.5	3.49	3.74	3.87	3.34	2.60
Lenoir CC	120,715	24,656.0	4.90	4.01	3.55	3.60	3.15
Martin CC	78,357	9,745.0	8.04	7.68	7.26	6.54	6.31

Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1986	1985	1984	1983	1982
Technical and Community Colleges:							
Mayland TC	27,985	7,686.5	3.64	3.42	2.91	2.78	2.92
McDowell TC	42,163	10,342.5	4.08	4.36	3.87	4.31	3.82
Mitchell CC	91,283	21,202.5	4.31	4.79	4.44	4.34	4.36
Montgomery TC	32,644	7,337.0	4.45	4.89	4.97	4.30	3.37
Nash TC	64,796	16,632.0	3.90	2.80	3.13	3.69	2.57
Pamlico TC	20,904	2,747.0	7.61	8.43	8.98	8.70	7.24
Piedmont TC	49,693	9,102.0	5.46	5.83	5.65	5.43	3.44
Pitt CC	86,762	33,258.5	2.61	2.54	2.61	2.41	2.17
Randolph TC	96,415	21,326.0	4.52	3.76	4.04	3.97	4.04
Richmond TC	69,119	16,839.5	4.10	3.74	4.10	3.61	3.37
Roanoke-Cho. TC	48,073	9,043.5	5.32	4.45	4.59	5.60	4.54
Robeson TC	66,959	17,359.0	3.86	3.47	3.90	3.83	2.75
Rockingham CC	118,087	23,443.0	5.04	4.94	5.37	4.97	4.48
Rowan TC	108,721	31,614.0	3.44	3.69	3.65	3.21	3.74
Sampson TC	42,535	15,554.0	2.73	2.53	2.60	2.82	2.90
Sandhills CC	97,452	29,253.0	3.33	3.44	3.47	3.22	2.87
Southeastern CC	95,038	21,775.0	4.36	3.72	4.10	3.94	3.81
Southwestern TC	59,480	14,083.0	4.22	3.29	3.77	3.00	2.91
Stanly TC	40,859	10,735.5	3.81	2.92	3.03	2.98	2.94
Surry CC	91,989	28,848.5	3.19	3.32	3.41	3.56	3.13
TC Alamance	81,464	33,081.5	2.46	2.48	2.39	2.17	2.27
Tri-County CC	55,165	11,073.5	4.98	5.33	5.31	5.02	4.42
Vance-Granv. CC	65,239	19,012.5	3.43	3.18	3.35	3.14	3.42
Wake TC	123,271	46,499.5	2.65	2.48	2.61	2.40	2.42
Wayne CC	106,688	31,699.0	3.37	2.97	3.00	2.70	2.55
W. Piedmont CC	69,664	19,735.0	3.53	2.91	3.08	3.06	3.06
Wilkes CC	71,395	21,536.5	3.32	3.26	3.92	3.72	3.41
Wilson Co. TC	84,676	17,791.0	4.76	3.97	4.24	3.68	3.89
TOTAL	5,203,530	1,501,354.5	3.47	3.38	3.52	3.27	3.03

TABLE 2:
SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960's. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

Institutional Level	Public	Private	Total
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). The term refers to an institution's total assignable area (page 81) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercollegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Food Stores) or 760 (Central Laundry). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facilities), 635 (Food Facilities Service), 660 (Merchandising Facilities), 665 (Merchandising Facilities Service), 750 (Central Food Stores), 760 (Central Laundry), all of the 800's (Health Care Facilities), and all of the 900's (Residential Facilities). Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

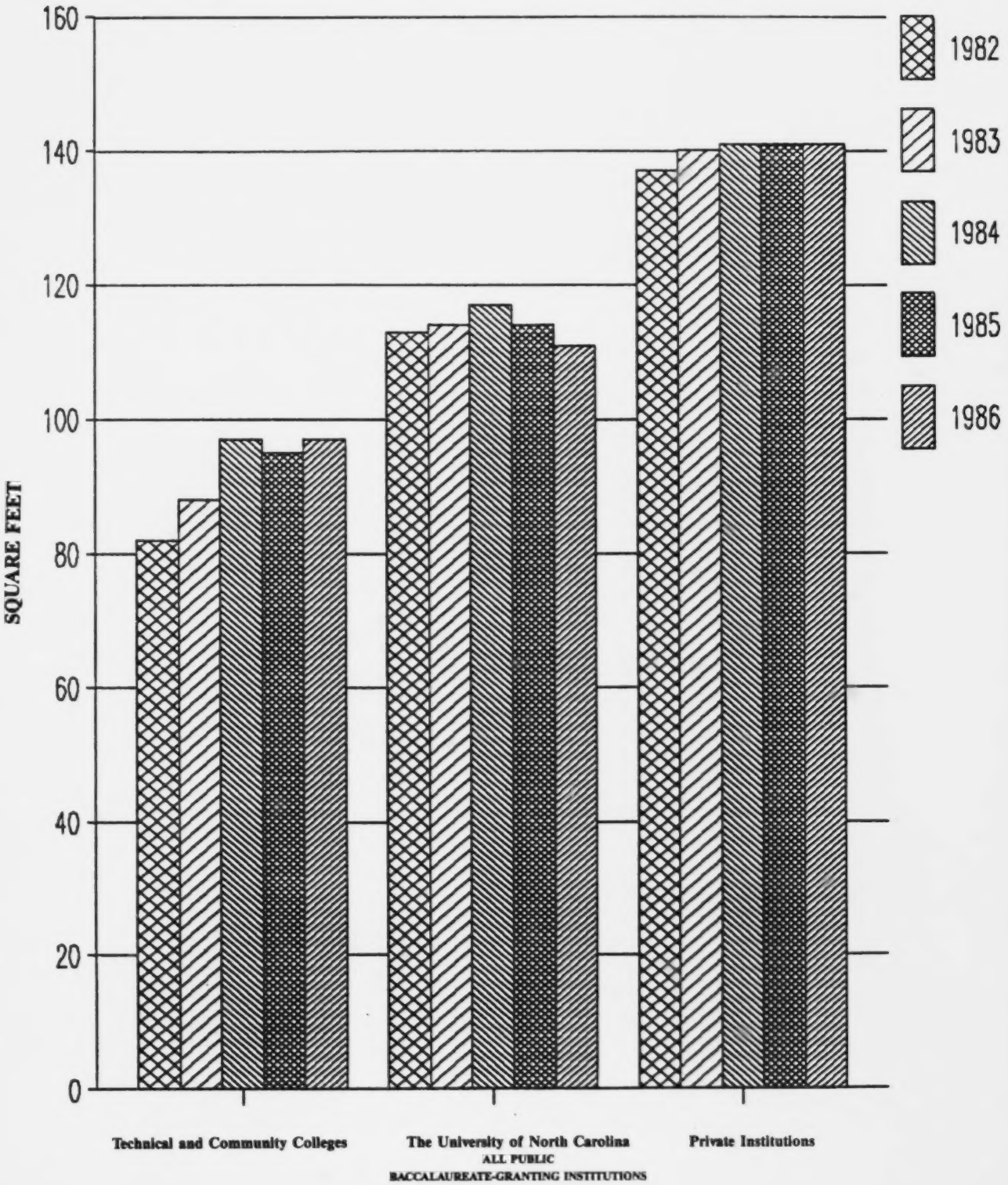
FTE Enrollment

Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 69.

The FTE enrollments which are reported for the institutions of the Community College System exclude enrollment generated by off-campus instruction and enrollment in non-credit courses. Their total FTE enrollments--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in the parenthesized figures of Table 12.

$$\text{SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT} = \frac{\text{SQUARE FEET OF ACADEMIC FACILITIES}}{\text{FTE ENROLLMENT}}$$

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT



Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1986	1985	1984	1983	1982
Major Research Universities:							
NC State	2,515,826	20,014	126	125	127	132	137
NC State Vet.	215,899	283	763	851	975	1,434	-
UNC-Chapel Hill	2,263,434	17,582	129	132	144	126	123
UNC-Health Aff.	1,150,649	3,115	369	369	364	350	352
SUBTOTAL*	4,779,260	37,596	127	128	135	129	130
Other Doctoral Universities:							
UNC-Greensboro	846,917	8,889	95	101	103	109	99
Comprehensive Universities:							
Appalachian	911,317	9,780	93	99	101	101	93
East Carolina	935,948	12,031	78	80	82	85	82
ECU-Health Aff.	406,772	1,131	360	331	297	285	110
Fayetteville	267,717	2,583	104	102	-	-	-
NC A & T	817,272	5,388	152	153	161	153	159
NC Central	571,263	4,231	135	140	125	106	110
UNC-Charlotte	742,344	9,866	75	80	75	75	76
UNC-Wilmington	356,193	5,424	66	66	-	-	-
West'n Carolina	731,277	5,236	140	135	128	129	128
SUBTOTAL*	5,333,331	54,539	98	100	104	102	100
Gen. Baccalaureate Universities:							
Elizabeth City	242,213	1,545	157	172	175	185	174
Fayetteville	-	-	-	-	113	105	118
Pembroke	254,331	2,109	121	127	135	138	132
UNC-Asheville	196,390	2,198	89	99	100	101	107
UNC-Wilmington	-	-	-	-	67	67	67
Winston-Salem	338,037	2,307	147	161	160	123	117
SUBTOTAL	1,030,971	8,159	126	138	112	106	107

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1986	1985	1984	1983	1982
Specialized Institution:							
NC Sch. of Arts**	209,620	460	456	430	412	399	398
Technical and Community Colleges:							
SUBTOTAL	6,413,161	66,357	97	95	97	88	82
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	2,119,359	14,166	150	153	155	158	147
Gen. Baccalaureate Colleges:							
SUBTOTAL	4,336,892	32,457	134	132	132	130	130
Junior Colleges:							
SUBTOTAL	638,524	3,657	175	168	174	160	151
GRAND TOTAL	25,708,035	226,280	114	115	117	112	108

*Divisions of Health Affairs and NCSU Veterinary School are excluded from all totals.

**The exclusion of high school student enrollment from this table results in a significant understatement of the total utilization of academic facilities at N. C. School of the Arts.

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1986	1985	1984	1983	1982
Technical and Community Colleges:							
Anson TC	43,182	206	210	190	193	154	142
Ashev'le-Bun. TC	183,623	1,756	105	107	118	103	98
Beaufort Co. CC	85,745	643	133	127	139	133	115
Bladen TC	56,197	315	178	167	226	191	168
Blue Ridge TC	81,480	716	114	109	128	126	116
Brunswick TC	54,383	439	124	135	167	158	109
Caldwell CC & TI	103,386	1,181	88	124	88	84	77
Cape Fear TI	124,501	1,620	77	97	117	103	91
Carteret TC	87,569	733	119	127	137	109	112
Catawba Vy. TC	148,193	1,351	110	112	113	90	92
C. Carolina TC	93,906	1,259	75	73	75	66	62
C. Piedmont CC	381,298	6,798	56	59	62	56	50
Cleveland TC	109,230	589	185	158	150	127	112
Coastal Car. CC	132,703	2,083	64	62	68	77	75
Col. Albemarle	86,614	758	114	106	93	90	81
Craven CC	87,426	856	102	87	89	80	71
Davidson Co. CC	131,710	1,312	100	106	89	76	67
Durham TCC	125,622	2,053	61	61	64	61	51
Edgecombe TC	73,971	664	111	107	126	97	98
Fayettev'le TI	197,946	3,370	59	57	61	50	50
Forsyth TC	254,008	2,301	110	110	82	74	74
Gaston Col.	168,923	2,138	79	77	87	77	64
Guilford TCC	338,208	3,289	103	115	96	95	98
Halifax CC	74,474	617	121	83	87	83	74
Haywood TC	155,585	830	187	160	187	157	176
Isothermal CC	131,232	1,166	113	105	122	98	94
J. Sprunt CC	70,915	452	157	158	148	136	125
Johnston TC	106,150	942	113	112	107	99	81
Lenoir CC	137,635	1,284	107	101	112	97	87
Martin CC	96,954	446	217	222	206	185	190

Square Feet of Academic Facilities Per FTE Student

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1986	1985	1984	1983	1982
Technical and Community Colleges:							
Mayland TC	32,609	343	95	85	79	68	71
McDowell TC	47,902	477	100	114	106	104	92
Mitchell CC	111,646	861	130	133	136	117	111
Montgomery TC	39,038	261	150	145	151	138	131
Nash TC	74,153	798	93	69	89	90	83
Pamlico TC	26,713	118	226	228	275	245	196
Piedmont TC	78,231	283	276	244	156	209	137
Pitt CC	106,234	1,619	66	66	67	60	57
Randolph TC	120,455	892	135	120	131	131	130
Richmond TC	79,665	735	108	105	103	93	86
Roanoke-Cho. TC	60,444	394	153	150	121	127	134
Robeson TC	87,329	716	122	111	133	114	105
Rockingham CC	135,973	1,083	126	131	139	125	112
Rowan TC	133,384	1,230	108	118	101	86	83
Sampson TC	51,459	618	83	80	81	86	73
Sandhills CC	121,629	1,294	94	90	91	83	79
Southeastern CC	110,576	963	115	98	103	92	91
Southwestern TC	70,986	645	110	107	107	96	85
Stanly TC	49,412	492	100	87	106	107	88
Surry CC	108,117	1,322	82	84	89	98	87
TC Alamance	98,292	1,358	72	74	69	61	61
Tri-County CC	60,301	448	135	136	140	128	116
Vance-Granv. CC	88,767	878	101	96	96	87	86
Wake TC	167,549	2,270	74	72	74	68	71
Wayne CC	123,534	1,347	92	83	84	72	63
W. Piedmont CC	91,904	1,215	76	69	82	79	79
Wilkes CC	102,446	746	137	119	119	103	98
Wilson Co. TC	111,644	784	142	133	138	135	114
TOTAL	6,413,161	66,357	97	95	97	88	82

TABLE 3:
AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week.

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used in teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which ties it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

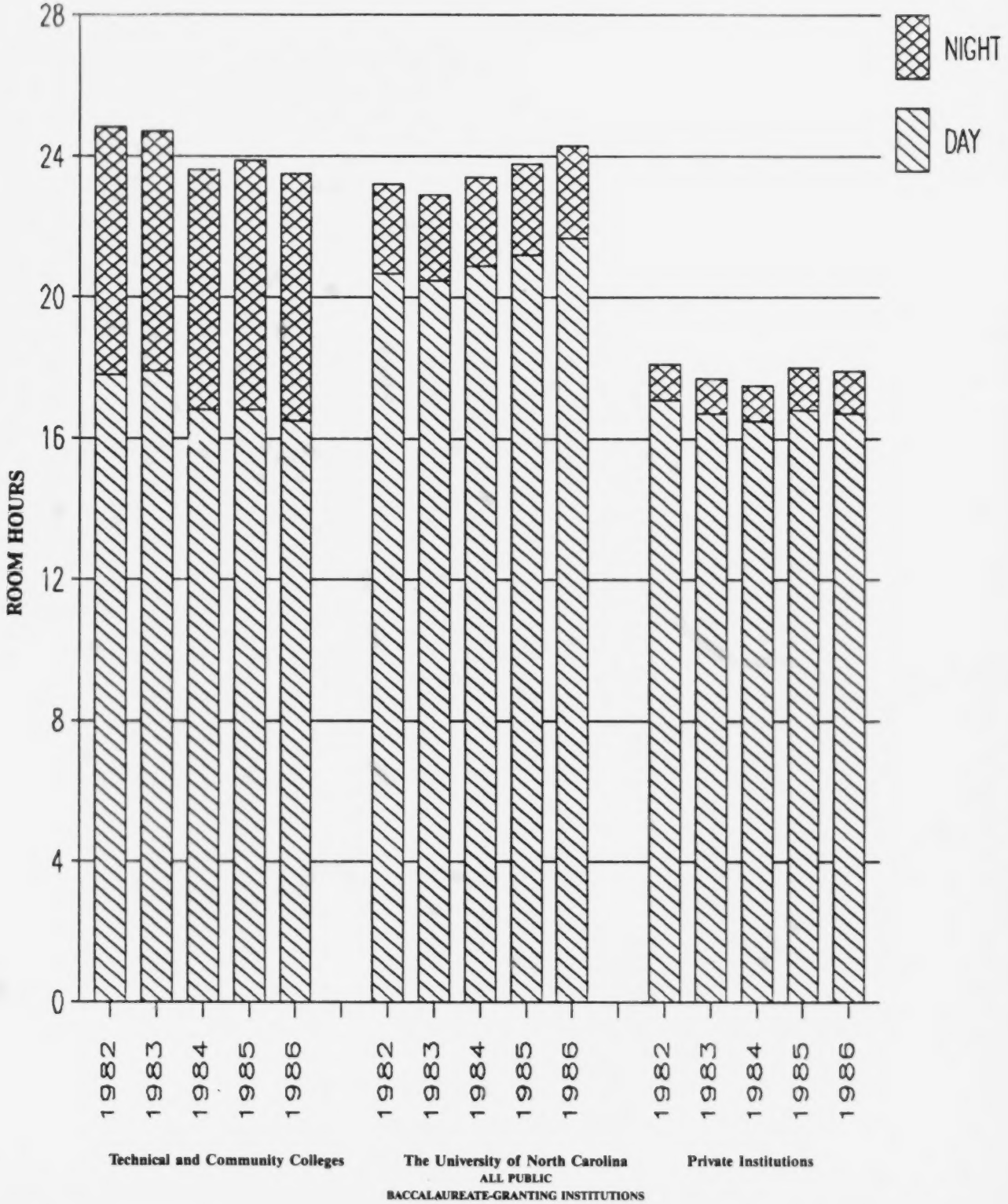
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime use. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. A frequently cited norm is 30 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\text{TOTAL NUMBER OF CLASSROOMS}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS



Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Major Research Universities:								
NC State	8,123.0	29.1	2.6	31.7	31.1	29.9	28.6	26.6
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	6,630.5	25.4	1.2	26.6	26.3	25.9	24.9	23.6
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	14,753.5	27.3	1.9	29.2	28.8	28.0	26.8	25.2
Other Doctoral Universities:								
UNC-Greensboro	3,173.0	17.8	2.8	20.6	20.8	19.8	18.2	21.3
Comprehensive Universities:								
Appalachian	4,899.0	27.7	1.3	29.0	28.6	28.5	28.4	28.3
East Carolina	4,790.5	22.7	3.6	26.3	25.3	24.5	24.4	25.5
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,340.5	19.8	4.5	24.3	23.6	-	-	-
NC A & T	2,647.0	13.8	1.9	15.7	15.3	15.4	15.2	16.2
NC Central	2,069.0	10.9	2.5	13.4	14.0	15.6	16.5	17.1
UNC-Charlotte	3,768.0	25.7	6.0	31.7	31.6	32.1	32.4	32.0
UNC-Wilmington	2,336.5	31.8	3.1	34.9	34.6	-	-	-
West'n Carolina	2,586.5	19.3	1.9	21.2	21.5	21.9	21.0	20.1
SUBTOTAL	24,437.0	20.7	2.9	23.6	23.4	22.7	22.7	22.4
Gen. Baccalaureate Universities:								
Elizabeth City	939.0	21.1	2.4	23.5	18.6	17.0	15.7	16.8
Fayetteville	-	-	-	-	-	22.0	23.2	23.3
Pembroke	1,078.5	12.7	2.3	15.0	14.6	14.1	13.8	15.3
UNC-Asheville	1,286.0	27.8	8.9	36.7	31.4	29.7	28.6	29.5
UNC-Wilmington	-	-	-	-	-	33.5	30.4	29.3
Winston-Salem	1,176.5	13.2	2.5	15.7	14.1	14.1	16.5	19.1
SUBTOTAL	4,480.0	16.8	3.4	20.2	18.3	21.1	21.1	22.1

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Specialized Institution:								
NC Sch. of Arts	349.5	15.2	0.0	15.2	12.2	12.8	10.7	10.4
Technical and Community Colleges:								
SUBTOTAL	46,559.0	16.5	7.0	23.5	23.9	23.6	24.7	24.8
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	5,665.0	19.1	0.6	19.7	18.8	18.2	17.7	17.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	18,599.0	16.3	1.5	17.8	18.0	17.6	18.0	18.6
Junior Colleges:								
SUBTOTAL	2,447.5	15.6	0.3	15.9	16.4	16.1	16.8	17.3
GRAND TOTAL	120,463.5	18.4	3.8	22.2	22.2	21.8	22.2	22.3

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Technical and Community Colleges:								
Anson TC	219.0	12.2	3.5	15.7	22.4	13.5	12.1	14.2
Ashev'le-Bun. TC	1,358.5	14.1	5.9	20.0	18.0	17.7	21.9	19.1
Beaufort Co. CC	542.5	13.8	4.3	18.1	19.6	16.2	14.7	18.7
Bladen TC	241.5	12.1	4.0	16.1	17.1	19.1	18.0	17.4
Blue Ridge TC	543.0	15.6	10.2	25.8	25.3	23.8	23.9	26.3
Brunswick TC	401.5	13.4	6.7	20.1	22.8	23.6	20.0	15.2
Caldwell CC & TI	669.5	17.9	8.9	26.8	24.9	24.8	23.8	25.1
Cape Fear TI	709.0	22.8	9.4	32.2	33.5	31.3	30.9	31.0
Carteret TC	688.0	11.0	8.1	19.1	21.1	20.5	20.8	21.5
Catawba Vy. TC	944.5	12.2	8.3	20.5	20.8	20.8	24.0	23.5
C. Carolina TC	758.0	22.6	9.0	31.6	32.4	34.2	39.5	39.2
C. Piedmont CC	4,244.5	26.7	9.9	36.6	33.1	33.0	32.0	32.1
Cleveland TC	613.0	10.3	7.7	18.0	18.7	19.1	19.2	17.7
Coastal Car. CC	1,390.0	26.3	11.3	37.6	35.0	31.5	31.6	30.8
Col. Albemarle	616.0	16.0	5.2	21.2	21.1	23.3	26.2	22.4
Craven CC	979.5	20.3	7.7	28.0	29.1	26.2	23.2	22.9
Davidson Co. CC	974.5	17.9	6.5	24.4	24.0	20.0	21.3	25.3
Durham TCC	1,109.5	16.6	11.2	27.8	23.2	30.2	30.2	32.8
Edgecombe TC	694.5	13.1	7.3	20.4	16.3	18.0	21.0	23.3
Fayettev'le TI	2,358.0	24.3	7.6	31.9	34.5	32.9	36.5	33.9
Forsyth TC	1,638.0	12.9	6.9	19.8	19.4	26.1	29.4	28.1
Gaston Col.	1,047.5	14.9	5.2	20.1	22.0	19.1	18.9	24.1
Guilford TCC	2,300.0	15.2	6.7	21.9	21.6	22.6	26.1	23.6
Halifax CC	530.0	14.2	5.4	19.6	26.7	30.0	31.7	33.9
Haywood TC	550.0	16.8	5.2	22.0	25.8	19.9	25.9	19.8
Isothermal CC	769.5	12.4	5.5	17.9	21.6	19.6	19.7	17.6
J. Sprunt CC	336.0	12.5	4.3	16.8	17.8	19.4	20.6	26.1
Johnston TC	842.0	14.9	7.3	22.2	21.2	24.0	25.3	26.4
Lenoir CC	867.0	13.4	3.6	17.0	19.7	18.1	20.9	20.9
Martin CC	295.0	10.3	3.2	13.5	14.9	15.4	16.2	19.7

Average Weekly Room Hours of Instruction in Classrooms

Table 3

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Technical and Community Colleges:								
Mayland TC	318.5	20.3	8.6	28.9	31.6	30.7	32.0	25.8
McDowell TC	204.5	8.1	6.5	14.6	17.8	17.9	13.9	14.4
Mitchell CC	696.5	10.6	6.0	16.6	15.9	18.4	18.7	20.8
Montgomery TC	215.5	16.4	7.6	24.0	24.2	21.4	19.5	21.6
Nash TC	586.0	8.5	7.8	16.3	27.4	22.1	23.3	20.9
Pamlico TC	112.0	5.9	6.6	12.5	13.3	13.3	11.7	10.0
Piedmont TC	367.0	12.8	6.5	19.3	16.4	20.5	20.1	25.7
Pitt CC	964.5	19.5	7.3	26.8	26.9	26.7	31.5	34.6
Randolph TC	570.0	10.3	7.0	17.3	22.7	23.1	24.0	21.3
Richmond TC	457.0	12.5	7.3	19.8	24.5	24.8	26.2	31.7
Roanoke-Cho. TC	373.5	14.7	4.0	18.7	17.8	17.0	13.3	18.9
Robeson TC	608.0	15.1	8.3	23.4	21.1	21.8	18.7	28.9
Rockingham CC	749.0	17.5	6.7	24.2	22.8	19.6	21.9	22.1
Rowan TC	1,145.5	14.8	9.5	24.3	22.3	21.0	24.1	17.8
Sampson TC	579.0	23.5	8.7	32.2	25.8	31.8	25.7	27.0
Sandhills CC	913.0	23.2	5.4	28.6	25.1	25.6	25.7	28.3
Southeastern CC	547.5	14.4	2.7	17.1	20.4	20.8	20.2	19.9
Southwestern TC	498.0	16.1	4.7	20.8	24.3	21.8	31.9	24.2
Stanly TC	303.0	12.7	7.5	20.2	23.5	19.7	26.4	24.5
Surry CC	753.0	19.1	7.8	26.9	24.8	22.9	22.5	23.7
TC Alamance	1,004.0	21.8	9.6	31.4	28.8	32.1	29.3	27.7
Tri-County CC	414.0	14.7	9.6	24.3	17.7	18.5	20.4	20.8
Vance-Granv. CC	600.0	14.2	7.3	21.5	23.8	22.1	21.8	20.6
Wake TC	1,470.5	26.1	6.6	32.7	28.4	26.2	27.0	26.0
Wayne CC	1,018.0	16.7	4.1	20.8	24.1	20.8	24.7	25.3
W. Piedmont CC	614.0	20.9	9.8	30.7	28.3	26.9	22.8	23.5
Wilkes CC	793.0	18.4	5.0	23.4	27.0	25.1	26.6	23.7
Wilson Co. TC	455.0	12.4	5.8	18.2	24.0	23.5	25.1	23.7
TOTAL	46,559.0	16.5	7.0	23.5	23.9	23.6	24.7	24.8

TABLE 4:
AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week.

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime use of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 24.

For purposes of this study, a class laboratory is defined as a room used primarily by regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

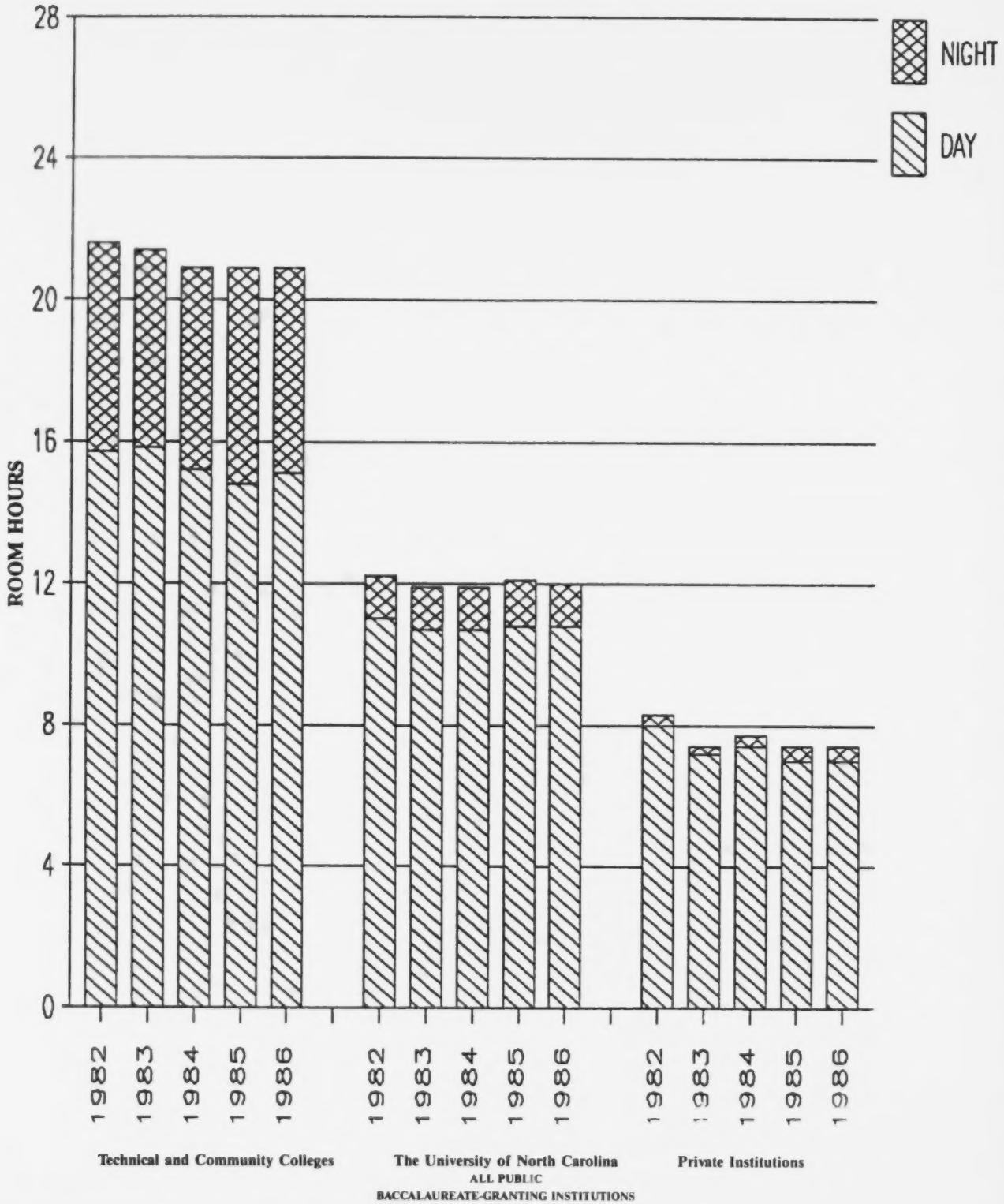
Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. A commonly cited norm for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES =

$$\frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\text{TOTAL NUMBER OF CLASS LABORATORIES}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES



Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Major Research Universities:								
NC State	2,330.0	10.2	1.2	11.4	11.3	11.2	10.7	11.2
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,423.5	15.7	1.8	17.5	16.1	16.1	15.4	13.0
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	3,753.5	11.8	1.4	13.2	12.5	12.6	12.2	11.7
Other Doctoral Universities:								
UNC-Greensboro	647.5	7.5	0.7	8.2	9.7	8.5	7.8	9.2
Comprehensive Universities:								
Appalachian	905.5	14.8	0.6	15.4	13.5	12.6	13.8	15.0
East Carolina	1,943.5	12.6	1.2	13.8	14.5	14.5	13.9	15.2
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	397.0	9.8	1.2	11.0	12.2	-	-	-
NC A & T	773.5	6.3	0.8	7.1	7.3	7.1	7.2	8.9
NC Central	361.5	5.8	0.4	6.2	6.1	7.1	7.2	7.3
UNC-Charlotte	1,184.0	13.8	3.3	17.1	16.2	17.5	18.2	16.7
UNC-Wilmington	612.5	13.8	1.5	15.3	15.5	-	-	-
West'n Carolina	699.5	12.3	0.6	12.9	12.8	12.1	12.9	12.4
SUBTOTAL	6,877.0	10.9	1.2	12.1	12.1	11.9	12.1	12.3
Gen. Baccalaureate Universities:								
Elizabeth City	340.5	10.7	1.1	11.8	11.4	8.6	9.4	9.4
Fayetteville	-	-	-	-	-	11.6	10.9	10.4
Pembroke	201.0	7.5	0.9	8.4	7.9	7.3	7.6	8.5
UNC-Asheville	215.5	9.3	2.7	12.0	13.5	12.6	14.2	14.3
UNC-Wilmington	-	-	-	-	-	15.4	15.6	14.5
Winston-Salem	203.0	8.0	0.5	8.5	8.5	7.3	8.6	9.4
SUBTOTAL	960.0	8.9	1.2	10.1	10.2	10.7	11.2	11.0

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Specialized Institution:								
NC Sch. of Arts	611.0	12.0	0.4	12.4	16.9	17.3	18.2	20.7
Technical and Community Colleges:								
SUBTOTAL	38,145.5	15.1	5.8	20.9	20.9	20.9	21.4	21.6
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	897.5	8.1	0.3	8.4	7.1	6.5	6.2	6.7
Gen. Baccalaureate Colleges:								
SUBTOTAL	3,434.0	6.6	0.4	7.0	7.2	7.9	7.6	8.6
Junior Colleges:								
SUBTOTAL	746.5	7.6	0.2	7.8	8.1	7.7	8.4	8.7
GRAND TOTAL	56,072.5	12.2	3.4	15.6	15.6	15.6	15.7	16.0

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Technical and Community Colleges:								
Anson TC	325.0	14.8	6.9	21.7	20.9	21.2	24.6	27.8
Ashev'le-Bun. TC	863.0	15.0	6.1	21.1	19.4	18.4	21.2	19.4
Beaufort Co. CC	350.0	12.3	3.6	15.9	16.4	15.3	16.7	19.3
Bladen TC	494.0	13.4	4.2	17.6	18.3	15.1	12.1	16.2
Blue Ridge TC	513.0	17.3	9.7	27.0	28.8	24.8	21.3	21.7
Brunswick TC	269.0	10.2	4.8	15.0	16.7	17.2	22.3	21.1
Caldwell CC & TI	730.5	16.6	8.6	25.2	26.5	26.7	25.2	25.2
Cape Fear TI	1,030.0	19.8	8.0	27.8	23.3	23.8	26.1	28.4
Carteret TC	467.5	14.4	6.9	21.3	17.6	19.9	21.0	18.2
Catawba Vy. TC	803.0	11.9	7.6	19.5	20.5	20.0	21.3	19.5
C. Carolina TC	769.0	18.7	7.0	25.7	22.9	25.1	24.1	22.9
C. Piedmont CC	3,281.0	28.9	9.3	38.2	26.5	31.8	35.6	30.5
Cleveland TC	530.5	6.5	5.5	12.0	14.4	13.6	16.7	14.9
Coastal Car. CC	802.0	17.5	5.4	22.9	21.6	18.4	19.5	17.1
Col. Albemarle	476.5	11.9	4.6	16.5	18.0	15.9	16.8	14.5
Craven CC	796.5	21.6	6.8	28.4	28.0	28.6	26.9	26.2
Davidson Co. CC	625.5	14.4	4.5	18.9	18.2	19.0	19.5	20.3
Durham TCC	785.0	12.8	6.8	19.6	17.4	18.7	17.5	28.2
Edgecombe TC	381.5	10.2	4.5	14.7	15.6	11.9	18.1	18.7
Fayettev'le TI	1,029.0	17.5	2.7	20.2	23.1	24.4	25.9	24.6
Forsyth TC	1,030.5	13.4	4.7	18.1	19.4	24.6	25.5	27.9
Gaston Col.	516.0	6.3	3.8	10.1	13.9	13.3	11.2	16.4
Guilford TCC	1,738.0	12.8	6.1	18.9	18.5	21.0	28.8	21.9
Halifax CC	448.0	14.6	4.9	19.5	21.4	22.3	23.5	24.0
Haywood TC	1,219.0	18.3	2.8	21.1	24.4	20.6	19.0	24.2
Isothermal CC	716.5	13.7	6.8	20.5	22.2	25.0	19.8	22.0
J. Sprunt CC	364.0	13.9	3.5	17.4	22.4	21.4	19.2	19.3
Johnston TC	512.5	13.3	3.8	17.1	17.4	17.3	16.7	23.7
Lenoir CC	742.0	12.9	5.2	18.1	16.6	17.2	20.8	18.8
Martin CC	366.5	15.0	3.3	18.3	19.1	17.7	17.5	17.3

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Technical and Community Colleges:								
Mayland TC	304.0	17.9	9.7	27.6	28.5	27.4	28.5	19.8
McDowell TC	464.0	14.2	10.2	24.4	23.1	22.9	23.8	23.0
Mitchell CC	514.0	10.9	7.5	18.4	15.2	18.6	21.0	17.6
Montgomery TC	526.5	16.5	7.4	23.9	21.0	24.4	20.2	24.8
Nash TC	437.5	10.2	7.3	17.5	22.5	16.9	15.4	18.3
Pamlico TC	139.0	12.8	4.6	17.4	14.7	17.8	21.7	22.1
Piedmont TC	302.0	10.1	4.2	14.3	11.6	12.7	15.5	17.2
Pitt CC	851.5	21.2	7.2	28.4	30.6	29.4	28.3	31.2
Randolph TC	635.5	14.9	5.0	19.9	21.3	20.1	22.5	21.2
Richmond TC	392.5	10.3	7.6	17.9	18.5	20.8	23.0	21.1
Roanoke-Cho. TC	334.5	21.4	4.3	25.7	27.0	22.5	24.7	29.7
Robeson TC	490.0	11.4	6.1	17.5	20.7	17.9	19.8	23.6
Rockingham CC	477.5	12.3	6.0	18.3	16.5	18.2	14.3	15.2
Rowan TC	687.0	13.3	6.3	19.6	19.6	22.9	21.8	17.8
Sampson TC	484.5	17.1	9.8	26.9	30.5	28.2	20.1	28.0
Sandhills CC	614.5	14.9	3.2	18.1	20.1	19.0	16.9	18.7
Southeastern CC	470.5	13.7	2.0	15.7	15.1	14.4	16.1	19.6
Southwestern TC	331.0	8.6	2.0	10.6	12.9	12.9	13.0	11.8
Stanly TC	401.5	13.8	5.3	19.1	23.1	23.9	22.4	17.4
Surry CC	710.5	21.7	7.9	29.6	29.7	28.4	28.3	28.7
TC Alamance	935.5	20.2	8.1	28.3	25.3	25.0	25.6	21.4
Tri-County CC	416.0	12.5	8.4	20.9	21.7	20.9	19.7	20.5
Vance-Granv. CC	642.5	14.4	9.4	23.8	22.6	22.0	20.2	18.9
Wake TC	1,028.0	16.9	4.1	21.0	23.7	23.3	24.0	22.5
Wayne CC	863.0	16.1	4.0	20.1	21.3	21.6	20.6	22.2
W. Piedmont CC	561.0	15.0	5.8	20.8	24.5	24.3	20.0	20.6
Wilkes CC	530.0	18.2	4.8	23.0	21.0	20.0	22.5	22.0
Wilson Co. TC	627.0	17.3	6.8	24.1	25.4	20.3	21.9	18.1
TOTAL	38,145.5	15.1	5.8	20.9	20.9	20.9	21.4	21.6

TABLE 5:
AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

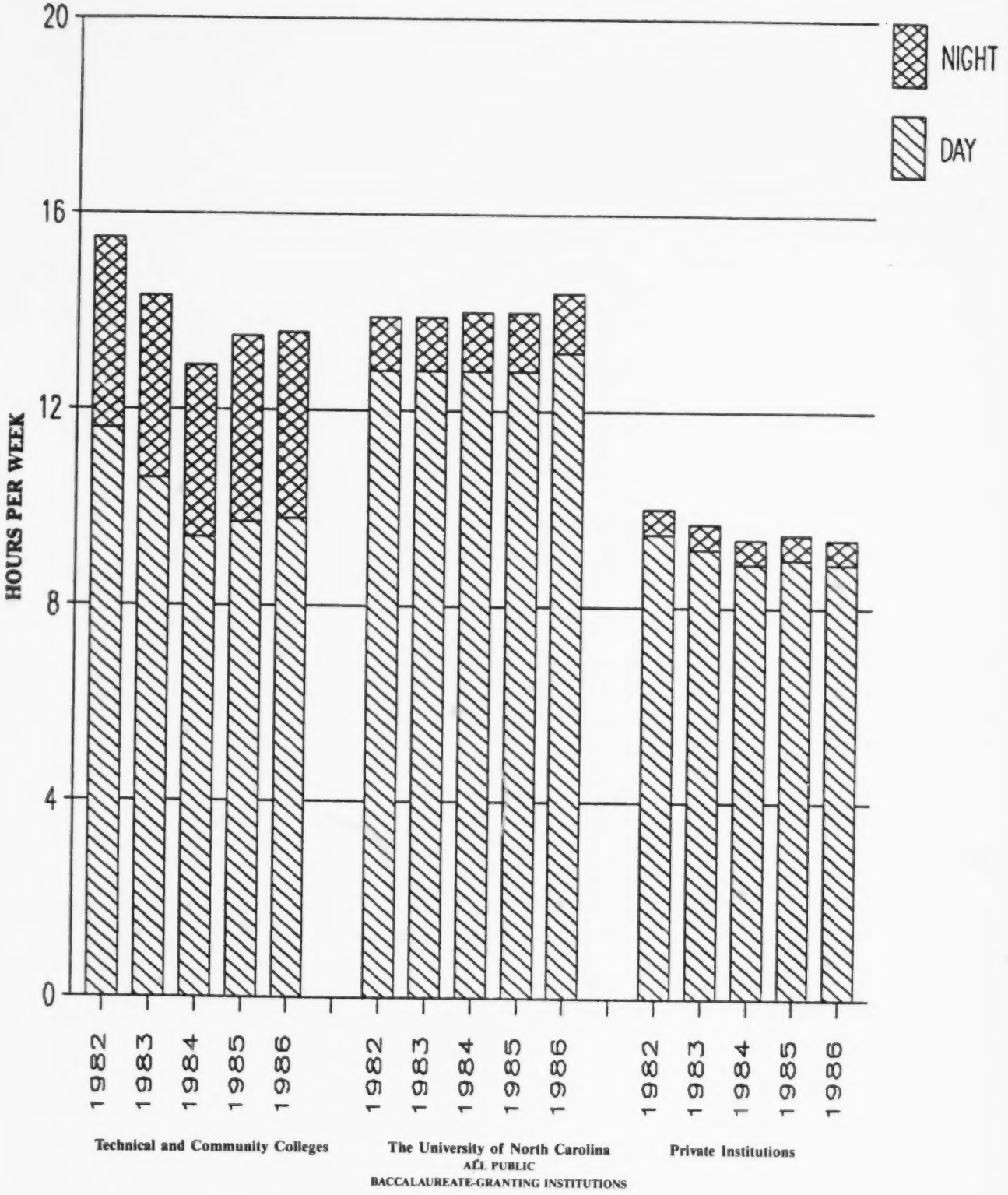
Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilization. (See page 24 for precise definitions of classrooms and of daytime and nighttime utilization.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 18 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 30 hours (see Table 3) and that there is 60% utilization of student stations when classrooms are in use (see Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

$$\text{AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS} = \frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS



Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Major Research Universities:								
NC State	14,031	17.7	1.3	19.0	18.6	18.7	18.0	17.1
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	13,627	15.4	0.5	15.9	15.6	15.6	15.5	15.5
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	27,658	16.6	0.9	17.5	17.1	17.2	16.8	16.4
Other Doctoral Universities:								
UNC-Greensboro	7,436	11.9	1.4	13.3	12.8	12.5	11.9	12.6
Comprehensive Universities:								
Appalachian	7,339	16.7	0.4	17.1	16.6	16.4	16.6	17.2
East Carolina	8,539	14.6	2.0	16.6	15.5	15.4	15.4	15.5
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	2,219	10.7	1.8	12.5	12.5	-	-	-
NC A & T	7,202	7.7	0.8	8.5	9.3	8.7	8.4	9.4
NC Central	6,486	6.0	1.0	7.0	7.3	8.0	9.5	10.2
UNC-Charlotte	6,571	15.1	2.6	17.7	17.0	17.8	17.8	17.7
UNC-Wilmington	3,484	18.5	1.2	19.7	19.1	-	-	-
West'n Carolina	5,011	10.8	0.9	11.7	11.8	12.8	12.2	12.0
SUBTOTAL	46,851	12.5	1.3	13.8	13.6	13.3	13.5	13.9
Gen. Baccalaureate Universities:								
Elizabeth City	1,862	10.7	1.2	11.9	9.1	7.9	7.6	7.9
Fayetteville	-	-	-	-	-	11.1	13.0	12.3
Pembroke	2,948	6.8	1.0	7.8	7.3	7.2	7.0	7.7
UNC-Asheville	1,389	15.3	4.4	19.7	14.7	17.7	14.6	11.2
UNC-Wilmington	-	-	-	-	-	18.5	17.9	17.4
Winston-Salem	3,663	6.3	1.2	7.5	6.8	6.8	7.5	8.0
SUBTOTAL	9,862	8.6	1.6	10.2	8.7	11.2	11.1	11.1

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Specialized Institution:								
NC Sch. of Arts	659	8.7	0.0	8.7	6.7	9.7	8.2	6.7
Technical and Community Colleges:								
SUBTOTAL	62,927	9.8	3.8	13.6	13.5	12.9	14.3	15.5
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	13,866	10.6	0.3	10.9	10.4	10.4	10.4	10.6
Gen. Baccalaureate Colleges:								
SUBTOTAL	42,141	8.3	0.7	9.0	9.2	9.1	9.5	9.7
Junior Colleges:								
SUBTOTAL	5,750	8.9	0.1	9.0	9.6	9.5	10.1	10.5
GRAND TOTAL	217,150	11.0	1.8	12.8	12.5	12.3	12.9	13.2

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Technical and Community Colleges:								
Anson TC	272	6.0	1.5	7.5	10.9	3.9	5.1	5.1
Ashev'le-Bun. TC	1,974	9.3	3.5	12.8	11.1	10.7	13.4	13.8
Beaufort Co. CC	919	6.9	2.1	9.0	9.8	7.5	8.5	9.8
Bladen TC	269	10.1	2.5	12.6	12.0	12.4	13.0	17.0
Blue Ridge TC	622	9.5	5.3	14.8	15.0	14.0	13.9	15.4
Brunswick TC	451	8.0	3.8	11.8	12.9	13.4	13.0	10.1
Caldwell CC & TI	741	10.7	5.0	15.7	15.3	15.7	15.4	17.5
Cape Fear TI	518	19.3	7.8	27.1	27.6	22.7	26.1	27.9
Carteret TC	970	7.3	4.9	12.2	13.1	12.8	13.1	14.6
Catawba Vy. TC	1,269	8.2	5.5	13.7	14.2	12.6	16.1	16.6
C. Carolina TC	760	14.7	4.4	19.1	19.9	19.8	22.8	26.4
C. Piedmont CC	4,313	16.7	5.6	22.3	17.7	17.1	18.6	19.7
Cleveland TC	1,046	4.6	3.7	8.3	9.2	8.7	9.1	9.5
Coastal Car. CC	1,070	17.3	8.0	25.3	25.6	22.5	22.2	23.4
Col. Albemarle	973	7.0	2.5	9.5	9.8	9.4	13.3	13.4
Craven CC	1,072	9.8	3.4	13.2	14.5	13.3	10.9	13.3
Davidson Co. CC	1,569	9.3	2.8	12.1	12.5	11.3	12.8	16.9
Durham TCC	1,338	9.5	6.5	16.0	14.9	18.0	18.6	23.0
Edgecombe TC	800	5.7	3.2	8.9	7.0	7.6	10.2	11.8
Fayettev'le TI	2,857	13.9	3.9	17.8	17.1	17.0	20.8	20.9
Forsyth TC	2,595	8.5	4.0	12.5	13.1	17.0	19.8	19.2
Gaston Col.	2,008	8.2	2.6	10.8	12.0	9.7	10.2	12.9
Guilford TCC	3,389	10.2	4.3	14.5	12.9	11.7	14.4	15.8
Halifax CC	702	9.1	2.4	11.5	14.1	15.7	15.4	16.6
Haywood TC	900	8.2	1.9	10.1	12.5	9.6	13.5	11.8
Isothermal CC	1,303	6.0	2.2	8.2	10.5	9.0	9.5	9.9
J. Sprunt CC	560	6.3	2.2	8.5	9.0	9.9	10.1	14.8
Johnston TC	1,296	9.0	3.1	12.1	10.2	11.3	13.0	17.0
Lenoir CC	1,444	8.4	2.0	10.4	11.3	10.9	12.3	13.7
Martin CC	715	4.7	1.1	5.8	5.3	6.1	7.6	8.9

Average Weekly Use of Student Stations in Classrooms

Table 5

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Technical and Community Colleges:								
Mayland TC	333	9.1	3.0	12.1	13.0	13.2	14.8	12.3
McDowell TC	455	4.0	2.9	6.9	7.3	7.5	6.2	6.6
Mitchell CC	1,244	6.8	3.2	10.0	9.1	10.0	10.7	11.8
Montgomery TC	172	10.7	3.6	14.3	8.9	11.3	12.7	15.4
Nash TC	1,206	4.1	3.5	7.6	15.0	12.2	12.2	12.1
Pamlico TC	190	2.8	4.1	6.9	7.1	5.4	5.4	6.4
Piedmont TC	472	6.1	4.0	10.1	8.0	10.3	11.2	17.2
Pitt CC	1,298	11.5	3.9	15.4	15.4	14.3	17.6	19.4
Randolph TC	682	9.4	4.8	14.2	18.5	18.3	17.8	16.0
Richmond TC	700	8.3	4.3	12.6	12.5	12.6	12.6	15.3
Roanoke-Cho. TC	472	7.8	1.7	9.5	10.5	10.3	8.9	11.5
Robeson TC	783	8.4	3.9	12.3	11.6	12.4	11.4	17.8
Rockingham CC	1,213	9.9	3.6	13.5	12.9	10.9	12.6	13.7
Rowan TC	1,735	7.1	4.7	11.8	11.2	9.8	12.3	9.8
Sampson TC	546	11.4	3.9	15.3	13.3	15.6	14.6	17.4
Sandhills CC	1,176	12.3	2.6	14.9	13.6	13.7	15.4	16.0
Southeastern CC	1,181	9.1	1.2	10.3	10.6	9.3	9.3	10.4
Southwestern TC	825	7.3	1.3	8.6	12.0	8.8	15.1	13.4
Stanly TC	404	7.3	4.6	11.9	11.5	10.8	11.5	12.4
Surry CC	872	13.0	3.9	16.9	16.0	16.1	15.7	17.5
TC Alamance	1,204	10.3	5.0	15.3	14.5	15.5	16.9	17.1
Tri-County CC	460	6.7	4.8	11.5	10.0	7.8	9.4	11.0
Vance-Granv. CC	890	6.8	3.8	10.6	11.9	10.2	11.6	10.9
Wake TC	1,651	14.6	4.4	19.0	17.7	16.2	18.0	18.1
Wayne CC	1,596	8.9	2.2	11.1	13.2	12.4	15.0	15.6
W. Piedmont CC	671	11.2	3.8	15.0	15.7	11.9	12.1	13.2
Wilkes CC	1,127	9.4	2.5	11.9	12.9	12.7	13.6	14.7
Wilson Co. TC	654	7.2	3.5	10.7	12.7	11.4	13.7	14.9
TOTAL	62,927	9.8	3.8	13.6	13.5	12.9	14.3	15.5

TABLE 6:
AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

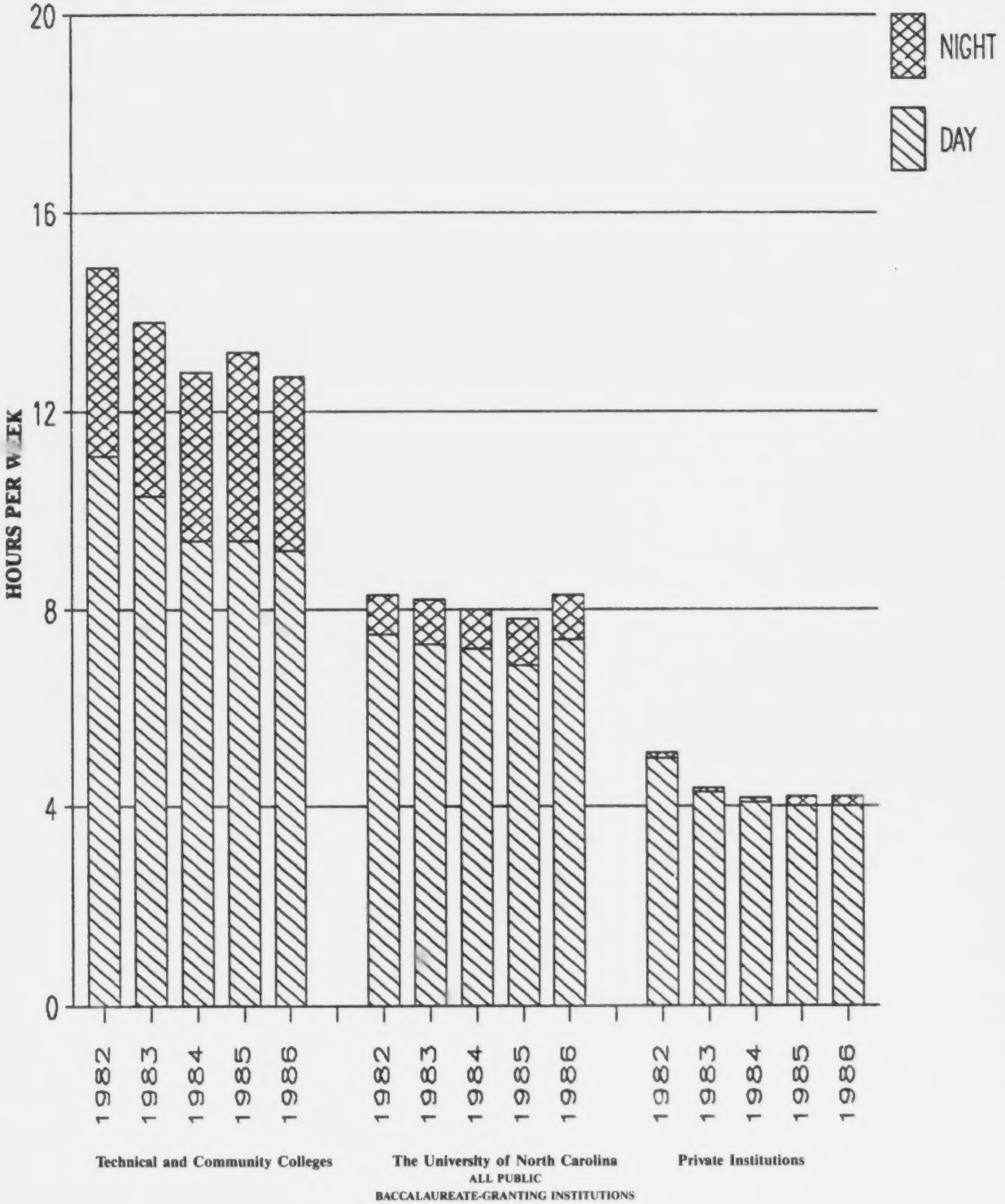
Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilization. (See page 30 for a discussion of what the term class laboratory includes and page 24 for precise definitions of daytime and nighttime utilization.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 16 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 80% utilization of student stations when class labs are in use (see Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

$$\text{AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES} = \frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES



Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Major Research Universities:								
NC State	4,581	9.5	1.1	10.6	9.8	10.5	9.8	9.5
NC State Vet.	-	-	-	-	-	-	-	-
UNC-Chapel Hill	2,056	10.5	1.6	12.1	10.3	11.4	9.9	9.3
UNC-Health Aff.	-	-	-	-	-	-	-	-
SUBTOTAL	6,637	9.8	1.2	11.0	10.0	10.8	9.9	9.4
Other Doctoral Universities:								
UNC-Greensboro	2,105	4.8	0.4	5.2	5.7	5.2	4.5	5.2
Comprehensive Universities:								
Appalachian	1,704	9.6	0.4	10.0	6.8	7.6	9.9	10.0
East Carolina	3,019	9.1	0.9	10.0	10.3	10.7	10.5	12.0
ECU-Health Aff.	-	-	-	-	-	-	-	-
Fayetteville	1,234	5.5	1.3	6.8	6.7	-	-	-
NC A & T	3,324	3.5	0.6	4.1	4.3	3.9	4.5	5.6
NC Central	1,365	3.5	0.2	3.7	4.0	4.2	5.2	5.3
UNC-Charlotte	1,987	10.9	2.0	12.9	11.9	12.4	13.5	12.2
UNC-Wilmington	957	9.6	1.0	10.6	10.3	-	-	-
West'n Carolina	1,520	5.4	0.2	5.6	5.7	5.8	5.8	6.2
SUBTOTAL	15,110	7.0	0.8	7.8	7.4	7.5	8.2	8.8
Gen. Baccalaureate Universities:								
Elizabeth City	800	4.4	1.1	5.5	3.9	4.9	5.1	5.2
Fayetteville	-	-	-	-	-	6.3	6.3	6.3
Pembroke	731	5.5	0.5	6.0	5.9	4.8	4.4	4.8
UNC-Asheville	411	7.2	1.9	9.1	8.9	10.2	7.9	6.6
UNC-Wilmington	-	-	-	-	-	10.1	10.6	10.1
Winston-Salem	663	4.4	0.1	4.5	4.7	3.8	5.4	5.4
SUBTOTAL	2,605	5.2	0.8	6.0	5.4	6.5	6.6	6.4

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Specialized Institution:								
NC Sch. of Arts	1,230	7.6	0.3	7.9	10.1	9.8	11.3	12.3
Technical and Community Colleges:								
SUBTOTAL	43,385	9.2	3.5	12.7	13.2	12.8	13.8	14.9
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	2,308	6.7	0.2	6.9	6.1	5.8	5.7	6.8
Gen. Baccalaureate Colleges:								
SUBTOTAL	13,009	3.4	0.2	3.6	3.7	3.8	4.0	4.6
Junior Colleges:								
SUBTOTAL	2,364	4.5	0.1	4.6	4.9	4.7	5.3	5.8
GRAND TOTAL	88,753	7.6	2.0	9.6	9.7	9.5	10.1	10.8

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Technical and Community Colleges:								
Anson TC	299	6.1	4.0	10.1	9.7	8.0	10.3	13.5
Ashev'le-Bun. TC	924	11.3	4.3	15.6	15.1	13.6	16.8	16.5
Beaufort Co. CC	568	6.8	2.0	8.8	9.6	7.5	9.4	12.9
Bladen TC	492	8.1	3.1	11.2	12.4	8.5	7.6	10.7
Blue Ridge TC	496	9.1	4.7	13.8	14.4	13.0	10.7	11.3
Brunswick TC	343	8.6	3.6	12.2	12.1	10.4	13.4	15.8
Caldwell CC & TI	624	10.9	5.1	16.0	17.6	16.6	19.8	18.1
Cape Fear TI	760	17.4	6.1	23.5	20.0	17.8	22.0	25.0
Carteret TC	519	8.3	3.9	12.2	10.3	10.1	11.9	12.3
Catawba Vy. TC	1,010	7.8	4.9	12.7	13.3	10.7	13.2	12.3
C. Carolina TC	700	11.3	3.3	14.6	14.6	14.9	14.9	15.1
C. Piedmont CC	2,663	14.4	5.2	19.6	17.7	18.8	22.4	23.0
Cleveland TC	1,022	2.8	3.5	6.3	7.5	7.8	8.2	9.6
Coastal Car. CC	823	11.6	3.9	15.5	15.3	13.7	14.3	14.2
Col. Albemarle	749	5.9	2.2	8.1	9.7	8.3	10.6	9.5
Craven CC	718	13.7	3.9	17.6	15.7	16.1	15.7	15.5
Davidson Co. CC	802	7.5	2.7	10.2	10.4	10.4	11.0	12.2
Durham TCC	919	9.7	5.7	15.4	15.7	13.2	12.9	19.3
Edgecombe TC	533	4.5	2.1	6.6	7.5	5.5	8.6	9.4
Fayettev'le TI	1,240	11.0	1.8	12.8	13.8	14.9	18.2	17.8
Forsyth TC	1,349	9.1	3.2	12.3	13.1	15.7	18.0	20.2
Gaston Col.	1,255	4.4	2.6	7.0	10.8	9.6	7.0	12.2
Guilford TCC	2,017	10.4	5.3	15.7	14.6	13.6	15.4	15.3
Halifax CC	636	5.7	2.0	7.7	10.5	9.3	12.3	13.2
Haywood TC	1,292	11.6	1.8	13.4	15.3	13.2	14.3	18.9
Isothermal CC	749	9.3	3.6	12.9	13.1	14.5	12.4	14.9
J. Sprunt CC	462	7.0	2.0	9.0	11.7	11.0	16.0	13.4
Johnston TC	723	7.5	2.2	9.7	11.3	11.2	13.9	15.5
Lenoir CC	977	7.1	2.4	9.5	9.8	13.6	15.5	16.0
Martin CC	536	6.1	1.4	7.5	8.5	8.2	6.3	7.3

Average Weekly Use of Student Stations in Class Laboratories

Table 6

INSTITUTION	No. of Stations	Daytime Hours	Nighttime Hours	All Hours				
				1986	1985	1984	1983	1982
Technical and Community Colleges:								
Mayland TC	271	8.3	3.4	11.7	11.1	13.2	11.0	12.4
McDowell TC	512	6.9	5.7	12.6	12.1	12.9	13.8	15.1
Mitchell CC	744	6.7	4.0	10.7	8.8	10.4	12.6	10.7
Montgomery TC	316	9.5	4.5	14.0	10.1	11.5	12.2	14.7
Nash TC	481	7.8	4.6	12.4	17.6	11.1	11.2	12.9
Pamlico TC	121	8.1	3.7	11.8	9.0	8.5	10.4	12.3
Piedmont TC	457	6.3	2.3	8.6	7.4	6.3	8.1	12.0
Pitt CC	795	11.3	3.9	15.2	16.0	16.4	15.3	19.0
Randolph TC	688	11.9	3.3	15.2	16.9	15.4	16.3	17.6
Richmond TC	496	7.3	4.3	11.6	14.6	13.0	15.0	14.5
Roanoke-Cho. TC	339	8.4	1.5	9.9	11.8	11.5	11.7	13.8
Robeson TC	719	5.7	3.5	9.2	12.7	10.0	12.0	15.6
Rockingham CC	631	6.7	3.8	10.5	11.6	12.8	11.4	12.8
Rowan TC	904	7.4	3.6	11.0	10.8	14.7	13.2	13.5
Sampson TC	427	9.7	6.1	15.8	19.2	16.8	15.1	15.8
Sandhills CC	937	8.6	1.9	10.5	10.4	10.3	10.8	11.5
Southeastern CC	741	8.8	1.2	10.0	9.9	9.0	10.6	10.7
Southwestern TC	704	5.3	0.9	6.2	6.3	6.8	7.9	7.6
Stanly TC	570	6.2	2.1	8.3	11.4	11.3	10.2	9.6
Surry CC	635	13.5	5.0	18.5	18.7	17.4	16.5	18.4
TC Alamance	874	9.9	4.7	14.6	15.0	14.5	16.9	14.4
Tri-County CC	383	6.8	5.3	12.1	12.8	11.8	12.3	13.9
Vance-Granv. CC	701	8.5	4.7	13.2	13.2	13.3	13.4	12.7
Wake TC	903	13.2	3.1	16.3	18.0	19.9	20.4	21.4
Wayne CC	1,078	9.9	2.5	12.4	12.6	13.6	13.9	15.9
W. Piedmont CC	603	10.2	3.7	13.9	17.4	14.6	14.0	13.3
Wilkes CC	495	9.7	2.5	12.2	12.1	10.7	12.0	13.5
Wilson Co. TC	660	8.8	3.8	12.6	12.7	12.2	10.9	10.9
TOTAL	43,385	9.2	3.5	12.7	13.2	12.8	13.8	14.9

TABLE 7:
PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES

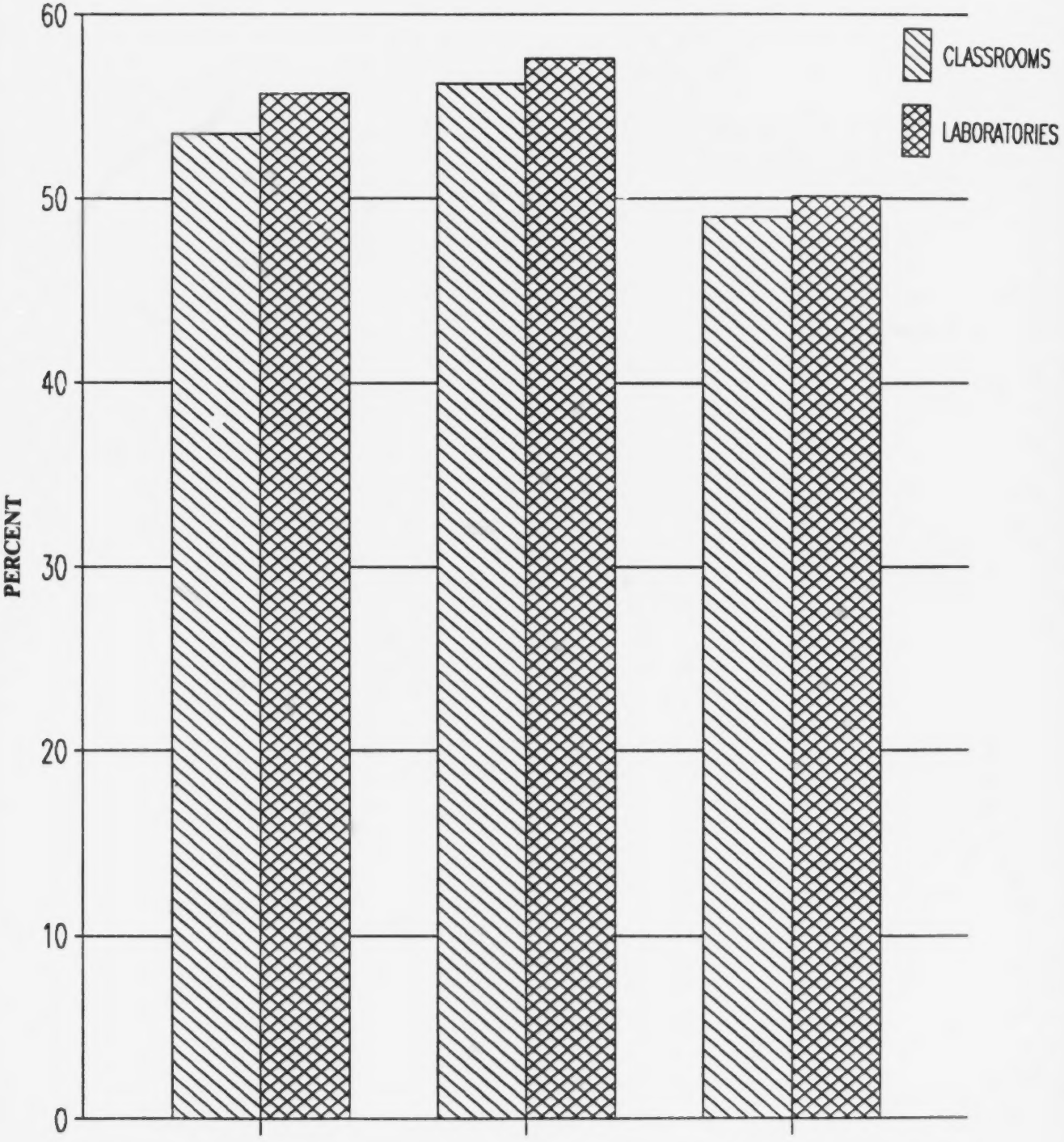
The percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which would be generated if every room were filled to capacity (i.e., if the number of students equalled the number of stations) each time a course met in the room.

It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the over-all efficiency of utilization since it does not take into account how frequently a room is used.

Frequently cited norms for percent student station utilization are 60% for classrooms and 80% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized equipment, are usually closer to being filled to capacity when they are in use. Data for North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage is less than 60%.

$$\text{PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS)} = \frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES



Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1986	1985	1984	1983	1982	1986	1985	1984	1983	1982
Major Research Universities:										
NC State	58.6	57.5	59.6	58.8	59.7	71.6	68.4	71.8	68.7	58.3
NC State Vet.	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	59.4	57.9	58.8	58.8	61.4	62.0	55.8	62.6	56.8	59.1
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	59.0	57.7	59.2	58.8	60.5	68.0	63.7	68.4	63.8	58.6
Other Doctoral Universities:										
UNC-Greensboro	59.1	57.3	54.7	55.2	51.1	46.3	40.8	47.6	41.5	40.7
Comprehensive Universities:										
Appalachian	56.1	53.4	53.8	56.7	58.8	55.4	45.0	52.8	60.7	57.2
East Carolina	58.5	57.0	58.5	59.7	56.8	62.6	58.0	63.2	65.1	68.1
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-
Fayetteville	49.0	52.1	-	-	-	55.2	48.2	-	-	-
NC A & T	50.5	56.8	52.3	51.0	53.4	39.0	42.8	40.5	46.7	48.2
NC Central	48.9	47.3	46.6	53.5	55.5	46.4	53.1	49.3	55.4	60.0
UNC-Charlotte	58.6	55.9	56.4	56.4	58.0	70.2	70.1	67.0	68.9	68.0
UNC-Wilmington	59.1	55.5	-	-	-	59.2	57.9	-	-	-
West'n Carolina	51.5	51.5	53.9	54.2	55.4	38.9	37.5	40.2	40.0	43.2
SUBTOTAL	55.4	54.4	54.5	56.0	56.8	55.0	52.3	54.5	58.1	58.9
Gen. Baccalaureate Universities:										
Elizabeth City	46.2	45.2	42.5	42.1	38.4	40.9	36.6	44.4	44.3	47.0
Fayetteville	-	-	48.4	54.4	53.8	-	-	48.0	45.0	54.5
Pembroke	51.0	48.8	49.6	48.0	49.4	58.0	58.0	56.5	46.4	45.0
UNC-Asheville	48.7	47.2	63.0	53.1	39.1	64.1	58.1	72.3	52.3	42.1
UNC-Wilmington	-	-	56.1	55.7	55.0	-	-	56.7	60.1	60.6
Winston-Salem	45.6	48.0	46.7	45.5	43.4	48.3	51.3	47.8	61.9	59.4
SUBTOTAL	47.7	47.4	52.1	51.0	47.7	51.1	50.0	52.7	50.9	52.2

Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1986	1985	1984	1983	1982	1986	1985	1984	1983	1982
Specialized Institution:										
NC Sch. of Arts	53.3	47.3	63.6	62.0	60.0	51.7	50.7	47.5	55.7	54.2
Technical and Community Colleges:										
SUBTOTAL	53.5	53.1	50.9	55.0	59.4	55.7	58.3	56.0	59.0	63.0
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	51.4	52.1	52.0	53.4	54.6	71.3	72.9	78.3	74.4	75.6
Gen. Baccalaureate Colleges:										
SUBTOTAL	47.3	47.0	47.7	49.1	49.1	45.5	45.2	44.6	45.9	47.0
Junior Colleges:										
SUBTOTAL	56.3	57.4	57.6	57.2	57.9	50.5	49.4	50.3	51.3	57.3
GRAND TOTAL	53.7	53.1	52.9	54.6	56.0	55.6	56.3	55.6	57.6	60.0

Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1986	1985	1984	1983	1982	1986	1985	1984	1983	1982
Technical and Community Colleges:										
Anson TC	47.6	48.9	20.4	37.0	34.6	40.1	41.1	34.7	39.2	46.4
Ashev'le-Bun. TC	60.4	58.0	56.7	56.1	67.7	70.0	71.8	69.0	73.3	77.6
Beaufort Co. CC	47.4	44.7	39.8	51.3	48.2	49.2	58.5	47.4	56.4	64.9
Bladen TC	72.6	56.4	58.8	57.6	80.0	64.9	67.2	53.5	60.2	61.7
Blue Ridge TC	55.8	58.6	56.2	57.2	58.3	50.6	48.9	52.2	48.8	51.3
Brunswick TC	54.6	51.6	53.2	65.4	74.4	79.8	67.4	63.0	65.3	80.9
Caldwell CC & TI	54.0	58.0	58.0	57.6	63.3	57.5	62.2	58.7	71.3	63.5
Cape Fear TI	80.1	78.1	69.6	80.0	85.0	78.5	81.0	70.7	80.9	85.9
Carteret TC	57.8	56.1	55.5	58.7	65.9	56.2	56.8	49.0	56.7	63.4
Catawba Vy. TC	61.9	63.8	55.3	64.2	66.8	61.4	59.6	49.6	59.9	59.8
C. Carolina TC	57.2	58.5	54.9	55.1	64.2	53.1	60.0	56.4	57.1	58.8
C. Piedmont CC	55.5	54.8	51.1	57.4	61.3	45.9	57.7	52.4	57.5	62.5
Cleveland TC	45.3	48.7	44.1	45.9	53.1	46.9	46.1	52.4	46.8	58.9
Coastal Car. CC	66.6	71.9	69.8	69.4	73.2	64.6	67.7	73.1	68.1	72.4
Col. Albemarle	43.2	43.8	40.4	50.5	58.8	48.3	52.4	51.2	61.0	59.9
Craven CC	45.1	47.5	46.8	46.1	54.1	60.4	54.7	55.0	54.7	55.9
Davidson Co. CC	46.8	52.0	52.4	55.2	62.8	52.1	54.7	53.7	53.2	57.1
Durham TCC	53.1	58.2	53.8	56.8	67.2	67.3	76.4	61.2	67.3	65.7
Edgecombe TC	41.4	40.9	41.5	44.9	48.1	37.8	45.9	38.8	48.0	47.6
Fayettev'le TI	54.6	48.3	50.7	55.2	59.9	60.4	56.9	59.2	68.1	70.8
Forsyth TC	58.0	61.6	60.7	65.0	67.7	70.3	68.3	61.9	69.9	73.7
Gaston Col.	55.0	57.1	51.8	58.5	57.4	64.2	72.5	66.6	55.9	66.9
Guilford TCC	61.7	56.1	48.6	52.3	61.9	75.5	72.6	60.2	49.5	67.1
Halifax CC	49.3	49.0	49.4	47.5	48.7	39.1	46.3	38.7	51.8	52.8
Haywood TC	47.1	45.9	44.5	51.7	55.7	61.4	59.1	57.7	67.0	74.8
Isothermal CC	42.4	43.9	36.1	47.6	53.6	49.9	48.2	45.8	44.7	59.9
J. Sprunt CC	48.2	48.3	48.5	46.5	55.7	45.4	48.7	43.3	70.6	58.7
Johnston TC	53.6	48.4	44.1	49.7	61.5	47.8	54.1	51.7	56.6	52.0
Lenoir CC	55.1	53.0	53.2	57.6	64.3	47.4	50.6	61.0	62.5	64.7
Martin CC	44.7	37.4	41.1	47.3	45.7	42.1	47.3	46.0	37.7	44.4

Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1986	1985	1984	1983	1982	1986	1985	1984	1983	1982
Technical and Community Colleges:										
Mayland TC	38.8	39.4	40.7	45.3	46.1	41.7	37.6	47.1	37.9	56.4
McDowell TC	49.5	39.3	46.2	44.7	49.5	46.2	47.9	50.6	52.6	61.6
Mitchell CC	52.1	48.7	46.9	47.9	49.9	53.0	55.2	54.7	58.2	58.1
Montgomery TC	56.5	36.2	49.5	62.9	70.1	55.9	45.9	45.2	57.3	56.2
Nash TC	45.7	50.9	50.7	53.9	62.1	66.7	70.7	59.6	65.2	71.3
Pamlico TC	45.6	43.2	34.4	39.9	55.2	54.1	54.9	42.8	42.5	51.4
Piedmont TC	51.8	45.4	46.0	51.7	62.7	55.0	56.3	49.2	51.5	64.5
Pitt CC	53.4	51.1	49.5	52.7	53.1	51.5	51.9	55.0	54.5	57.7
Randolph TC	70.3	70.4	73.6	70.6	69.3	72.7	76.9	74.8	73.3	80.6
Richmond TC	61.5	50.6	50.3	47.6	44.1	59.2	72.3	58.6	63.1	64.7
Roanoke-Cho. TC	45.0	55.3	55.4	59.6	55.8	38.7	42.1	51.2	44.2	46.9
Robeson TC	51.3	53.8	55.6	57.7	61.3	49.0	58.9	53.7	58.0	63.1
Rockingham CC	56.0	54.3	51.8	54.1	59.7	45.3	53.0	55.4	64.2	64.0
Rowan TC	47.6	47.0	46.1	52.6	49.1	55.9	55.5	65.8	60.1	71.0
Sampson TC	42.3	44.3	51.0	61.8	60.8	56.1	57.3	55.9	67.0	51.3
Sandhills CC	50.3	51.7	50.6	56.8	54.7	51.6	48.3	47.6	56.5	54.0
Southeastern CC	58.8	52.3	44.2	44.3	49.2	59.5	62.5	56.8	59.7	50.3
Southwestern TC	41.2	50.1	36.6	45.5	48.8	55.3	46.0	49.7	56.3	56.5
Stanly TC	54.5	44.9	58.7	47.5	54.7	38.2	42.3	43.8	40.4	50.8
Surry CC	61.8	64.4	67.1	68.2	70.8	64.1	65.5	63.1	60.6	65.9
TC Alamance	46.4	49.2	49.3	56.5	60.5	50.6	57.8	57.2	65.8	66.7
Tri-County CC	44.4	53.0	41.8	45.5	52.9	52.9	53.0	51.4	55.8	61.2
Vance-Granv. CC	44.8	45.3	43.5	49.6	47.3	53.1	55.0	56.1	61.7	58.6
Wake TC	55.4	58.1	58.9	63.0	68.2	69.0	71.1	80.8	79.1	84.2
Wayne CC	48.2	48.6	51.7	54.3	55.2	54.3	53.1	57.0	60.2	66.6
W. Piedmont CC	48.7	55.9	44.4	50.9	52.6	58.0	60.5	52.8	60.0	56.9
Wilkes CC	49.1	45.6	49.5	51.1	60.6	53.4	53.4	45.5	45.9	53.0
Wilson Co. TC	53.5	50.1	45.9	51.0	58.7	46.7	45.7	58.0	44.1	54.3
TOTAL	53.5	53.1	50.9	55.0	59.4	55.7	58.3	56.0	59.0	63.0

TABLE 8:
STUDENT CLOCK HOURS
OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall drop-add period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 30. The columns headed "Other" reflect instruction in rooms coded other than 110 or 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room code structure is presented on page 118.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies greatly by type of institution:

INSTITUTIONAL GROUP	STUDENT CLOCK HR./FTE
By Control:	
University of North Carolina	15
Private Institutions	14
Technical/Community Colleges	23
By Level:	
Major Research Universities	15
Other Baccalaureate-Granting Institutions	15
Two-year Institutions	22
ALL NORTH CAROLINA INSTITUTIONS	18

Student Clock Hours of Instruction

Table 8

INSTITUTION	1986			1985			1984		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Major Research Universities:									
NC State	266,878.5	48,157.0	14,027.5	266,204.5	44,614.5	9,610.5	264,925.5	46,803.5	13,336.0
NC State Vet.	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	217,802.0	24,992.5	12,476.5	215,828.5	21,412.5	14,462.0	207,584.0	23,823.5	10,577.5
UNC-Health Aff.	-	-	-	-	-	-	-	-	-
SUBTOTAL	484,680.5	73,149.5	26,504.0	482,033.0	66,027.0	24,072.5	472,509.5	70,627.0	23,913.5
Other Doctoral Universities:									
UNC-Greensboro	99,068.5	10,936.5	9,695.5	98,673.0	13,140.5	10,267.0	96,121.5	11,309.0	11,835.0
Comprehensive Universities:									
Appalachian	125,630.5	17,016.5	5,356.5	119,445.5	11,819.5	5,631.5	117,094.0	13,457.5	4,687.5
East Carolina	141,709.0	30,244.0	7,544.5	138,568.5	30,478.5	6,571.5	136,739.0	31,565.0	6,570.0
ECU-Health Aff.	-	-	-	-	-	-	-	-	-
Fayetteville	27,840.5	8,406.5	1,885.5	28,607.0	8,220.0	1,503.0	-	-	-
NC A & T	60,960.0	13,742.0	6,214.5	65,554.0	15,157.0	6,774.0	60,194.5	12,050.0	7,255.0
NC Central	45,871.5	5,013.5	5,452.0	47,453.0	5,454.0	3,897.0	47,392.0	5,270.5	4,727.0
UNC-Charlotte	116,543.5	25,511.0	7,341.5	110,194.5	22,268.5	6,603.0	105,383.5	23,424.5	6,646.5
UNC-Wilmington	68,864.0	10,226.0	3,790.5	66,044.0	9,291.0	4,289.5	-	-	-
West'n Carolina	58,407.5	8,468.5	11,225.5	57,788.5	8,965.0	13,204.0	61,540.0	9,939.0	16,437.0
SUBTOTAL	645,826.5	118,628.0	48,810.5	633,655.0	111,653.5	48,473.5	528,343.0	95,706.5	46,323.0
Gen. Baccalaureate Universities:									
Elizabeth City	22,049.5	4,429.0	3,214.0	19,468.5	3,242.0	3,818.5	18,722.5	5,822.5	1,204.5
Fayetteville	-	-	-	-	-	-	25,385.0	7,529.0	1,267.5
Pembroke	23,125.0	4,343.5	2,783.5	21,517.0	4,275.5	2,008.0	20,925.5	3,552.0	1,708.0
UNC-Asheville	27,336.0	3,756.0	2,971.5	26,283.5	3,815.5	3,339.0	32,677.5	4,393.0	3,583.5
UNC-Wilmington	-	-	-	-	-	-	63,128.0	9,087.0	5,028.0
Winston-Salem	27,446.0	3,012.0	4,503.0	26,365.0	2,752.0	3,309.0	26,192.0	2,157.0	4,080.0
SUBTOTAL	99,956.5	15,540.5	13,472.0	93,634.0	14,085.0	12,474.5	187,030.5	32,540.5	16,871.5
Specialized Institution:									
NC Sch. of Arts	5,754.0	9,636.0	5,875.5	4,759.0	12,838.0	2,229.5	6,880.5	12,363.5	2,529.0
Technical and Community Colleges:									
SUBTOTAL	851,678.5	551,807.5	97,868.5	850,826.0	562,395.5	103,922.0	795,814.0	528,313.0	95,753.0
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	150,505.0	15,883.0	12,178.0	147,761.0	13,692.5	10,908.5	149,761.0	13,015.0	11,983.0
Gen. Baccalaureate Colleges:									
SUBTOTAL	379,806.0	47,695.5	40,519.0	372,710.5	49,066.5	46,057.5	368,355.0	49,302.5	40,715.5
Junior Colleges:									
SUBTOTAL	52,177.0	10,880.0	5,603.5	59,224.0	12,951.0	6,515.5	58,750.0	12,203.5	8,042.5
GRAND TOTAL	2,769,452.5	854,156.5	260,526.5	2,743,275.5	855,849.5	264,920.5	2,663,565.0	825,380.5	257,966.0

Student Clock Hours of Instruction

Table 8

INSTITUTION	1986			1985			1984		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Technical and Community Colleges:									
Anson TC	2,042.5	3,025.0	325.0	2,205.0	2,707.0	403.0	1,418.0	2,420.0	289.0
Asheville-Bun. TC	25,275.5	14,446.0	2,190.0	22,235.0	13,486.0	4,044.0	21,424.5	11,995.0	1,246.0
Beaufort Co. CC	8,279.0	4,967.0	225.0	9,160.0	4,856.5	75.0	7,851.0	3,403.0	12.0
Bladen TC	3,368.0	5,551.5	24.0	2,834.0	5,341.0	-	2,611.0	3,002.5	213.0
Blue Ridge TC	9,163.5	6,843.5	140.0	9,332.5	7,194.5	193.0	9,803.0	7,018.0	195.0
Brunswick TC	5,333.5	4,210.0	209.0	5,415.0	3,949.5	235.5	5,081.5	3,557.5	344.5
Caldwell CC & TI	11,661.5	9,939.0	1,700.0	11,101.0	11,037.5	2,332.5	11,259.5	10,309.5	1,406.0
Cape Fear TI	14,046.0	17,854.0	3,010.0	15,121.0	16,478.0	3,160.0	12,426.0	14,600.5	4,470.0
Carteret TC	11,804.5	6,336.0	336.0	12,460.5	5,644.0	5.0	10,849.5	5,062.0	-
Catawba Vy. TC	17,378.5	12,893.5	1,228.0	18,568.5	13,072.0	1,808.0	16,167.5	11,126.5	1,638.0
C. Carolina TC	14,543.5	10,224.5	2,064.0	15,376.5	9,843.5	1,917.5	14,536.0	9,003.0	894.0
C. Piedmont CC	96,267.0	52,192.5	18,657.5	92,137.0	47,592.0	8,370.0	87,540.0	48,289.0	7,772.5
Cleveland TC	8,627.0	6,491.5	320.0	9,649.0	7,645.5	4,961.0	9,918.0	7,525.5	4,872.0
Coastal Car. CC	26,993.0	12,735.5	3,010.0	28,310.0	12,287.0	3,069.0	24,875.0	10,937.0	2,095.0
Col. Albemarle	9,256.0	6,102.5	5,553.5	9,430.0	7,502.0	3,418.0	7,973.0	5,535.0	2,097.0
Craven CC	14,117.0	12,643.5	2,419.0	14,958.0	10,858.5	1,307.0	13,167.5	11,506.5	2,448.0
Davidson Co. CC	18,936.0	8,197.5	1,951.0	20,503.5	7,618.0	2,207.0	19,057.0	7,601.5	2,511.5
Durham TCC	21,415.5	14,148.5	1,625.0	19,292.5	14,626.5	2,817.5	22,893.0	11,379.0	1,822.0
Edgecombe TC	7,157.5	3,557.0	477.5	6,694.5	4,054.5	346.5	6,950.0	2,777.0	941.5
Fayettev'le TI	50,854.0	15,960.0	1,580.0	48,131.0	16,853.0	1,917.0	48,038.0	17,569.0	2,141.5
Forsyth TC	32,234.0	16,524.0	1,171.0	32,914.0	17,319.0	1,929.5	23,691.0	15,241.0	1,542.0
Gaston Col.	21,780.5	8,786.0	1,369.5	24,493.5	12,850.0	2,338.0	19,607.5	11,534.0	2,776.5
Guilford TCC	49,276.0	31,519.0	4,197.0	45,269.5	28,511.5	4,721.0	36,962.0	23,242.5	4,416.0
Halifax CC.	8,107.0	4,902.0	1,718.0	7,563.5	4,734.5	2,346.0	8,415.0	4,443.5	3,897.5
Haywood TC	9,171.5	17,257.0	654.0	8,938.5	17,938.5	1,045.0	7,268.0	15,503.5	1,096.0
Isothermal CC	10,730.5	9,691.5	4,694.5	11,158.5	9,696.0	4,541.5	9,653.5	10,577.0	4,784.0
J. Sprunt CC	4,746.0	4,122.0	498.5	4,996.0	5,407.5	174.0	5,554.5	5,078.0	441.0
Johnston TC	15,717.0	7,005.5	589.0	13,048.5	8,155.5	645.0	12,849.5	7,764.5	520.5
Lenoir CC	14,986.0	9,253.0	417.0	16,294.0	9,349.5	3,018.0	15,820.5	12,154.0	4,333.0
Martin CC	4,160.5	4,053.0	1,531.5	3,558.0	5,580.5	1,166.0	4,141.5	5,284.5	1,247.0
Mayland TC	4,028.5	3,183.0	475.0	4,322.0	3,225.0	644.0	4,412.5	3,509.5	567.0
McDowell TC	3,153.5	6,477.0	712.0	3,319.5	6,100.5	244.0	3,433.0	6,545.0	954.0
Mitchell CC	12,519.5	8,025.0	658.0	11,635.5	6,570.5	743.0	12,597.5	7,531.0	737.5
Montgomery TC	2,458.0	4,408.0	471.0	1,684.0	3,723.5	1,274.0	2,025.0	4,218.5	330.0
Nash TC	9,170.0	5,974.0	1,488.0	9,721.0	8,878.0	140.0	9,772.0	5,582.0	1,458.0
Pamlico TC	1,302.0	1,421.0	24.0	1,353.0	1,091.0	35.0	1,074.0	1,039.0	240.0
Piedmont TC	4,768.0	3,915.0	419.0	3,771.0	3,399.5	1,352.0	5,078.5	2,665.0	1,054.0
Pitt CC	20,043.5	12,049.0	1,166.0	20,156.0	12,724.0	1,520.5	18,782.0	13,031.5	1,686.0
Randolph TC	9,682.0	10,439.5	1,204.5	9,036.0	11,446.0	1,610.0	8,785.0	10,126.5	1,644.0
Richmond TC	8,839.0	5,754.5	2,246.0	8,833.5	7,352.5	2,312.5	8,964.5	6,570.0	1,358.0
Roanoke-Cho. TC	4,483.5	3,376.0	1,184.0	5,347.0	4,001.5	1,561.0	5,695.0	4,376.5	578.0
Robeson TC	9,690.0	6,575.0	1,094.0	7,866.5	9,846.0	1,676.0	8,374.5	7,531.0	1,325.5
Rockingham CC	16,370.0	6,621.0	452.0	15,509.0	7,316.0	901.0	13,019.5	8,143.0	576.0
Rowan TC	20,460.5	9,977.0	1,176.5	19,370.5	9,524.0	547.0	15,745.0	10,199.0	1,200.0
Sampson TC	8,346.5	6,747.5	460.0	7,236.0	8,193.5	1,398.5	8,588.0	7,091.5	166.0
Sandhills CC	17,565.0	9,817.0	1,871.0	17,245.0	9,931.5	1,473.5	17,246.0	9,687.0	1,822.0
Southeastern CC	12,120.5	7,393.5	2,261.0	12,496.0	7,322.5	2,707.0	11,589.0	6,914.0	2,150.0
Southwestern TC	7,130.0	4,337.0	2,616.0	9,965.5	4,453.0	3,554.0	7,009.0	5,258.0	3,443.0
Stanly TC	4,843.0	4,748.5	1,144.0	6,766.0	5,078.5	994.5	9,009.0	4,818.0	108.0
Surry CC	14,728.0	11,782.5	2,338.0	13,593.0	12,430.0	1,883.0	13,573.5	11,333.0	1,807.5
TC Alamance	18,397.0	12,740.0	1,944.5	18,940.0	11,481.5	2,229.5	18,353.0	10,028.0	1,138.0
Tri-County CC	5,283.0	4,616.0	1,174.5	4,621.0	4,892.0	846.0	4,836.0	4,513.0	1,468.0
Vance-Granv. CC	9,407.0	9,247.5	358.0	10,591.0	8,459.0	60.0	9,098.5	8,877.0	116.0
Wake TC	31,431.5	14,684.0	384.0	31,197.5	15,240.0	2,862.0	28,901.5	16,213.0	1,100.0
Wayne CC	17,582.0	13,320.0	797.0	21,243.0	13,585.5	1,167.5	20,014.0	14,705.0	1,260.0
W. Piedmont CC	10,083.0	8,364.0	1,288.0	10,511.0	9,195.0	1,868.0	9,267.0	8,989.5	1,125.0
Wilkes CC	13,314.0	6,062.5	2,160.0	14,096.0	6,489.0	1,555.0	13,682.0	5,700.0	1,512.5
Wilson Co. TC	7,052.0	8,321.0	2,418.0	9,252.0	8,257.0	2,253.0	9,087.5	7,679.0	2,367.0
TOTAL	851,678.5	551,807.5	97,868.5	850,826.0	562,395.5	103,922.0	795,814.0	528,313.0	95,753.0

TABLE 9:
SPACE FACTORS

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines into a single factor the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17). The lower the space factor, the more effectively the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 9, the formula:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

is used. Note that space factors must relate to a specified type of space. Therefore, for example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of .89:

$$\text{Classroom Space Factor} = \frac{16}{30 \text{ X } .60} = 0.89$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. A more relevant norm can be calculated by using the state averages for the three required indices:

$$\text{Classroom Space Factor} = \frac{17}{22.2 \text{ X } .546} = 1.40$$

Class Laboratories. The average assignable square footage per station in class laboratories varies widely among different types of labs. (Page 130 provides some average figures for selected labs.) This variance results in a wide range of space factors and makes the defining of norms difficult.

A useful way to approach this problem is to distinguish between engineering/mechanical class labs and other class labs. Most engineering/mechanical labs require relatively large amounts of space per station because of the equipment that is used. One hundred square feet per station is a reasonable mean for these labs. Using this figure, and the norms cited for Tables 4 and 7, the following space factor is derived:

$$\text{Engineering/Mechanical Lab Space Factor} = \frac{100}{20 \times .80} = 6.25$$

Other kinds of class labs require considerably less space per student station. If 40 square feet is used as the norm, the following space factor is derived:

$$\text{"Other Lab" Space Factor} = \frac{40}{20 \times .80} = 2.5$$

Teaching Areas. Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors in both classrooms and class laboratories.

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1986	1985	1984	1983	1982	1986	1985	1984	1983	1982	1986	1985	1984	1983	1982
Major Research Universities:															
NC State	0.76	0.77	0.78	0.82	0.88	5.42	5.86	5.60	6.12	6.44	1.47	1.50	1.50	1.53	1.65
NC State Vet.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.94	0.95	0.96	0.97	0.99	3.13	3.84	3.51	4.11	4.32	1.16	1.21	1.23	1.27	1.31
UNC-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	0.84	0.85	0.86	0.89	0.93	4.64	5.21	4.90	5.40	5.69	1.34	1.38	1.39	1.41	1.50
Other Doctoral Universities:															
UNC-Greensboro	1.26	1.33	1.41	1.51	1.28	7.33	6.87	7.21	7.66	6.05	1.87	1.98	2.02	2.08	1.83
Comprehensive Universities:															
Appalachian	1.10	1.15	1.17	1.15	1.11	3.21	4.65	4.16	3.26	3.26	1.35	1.46	1.47	1.44	1.39
East Carolina	1.00	1.06	1.07	1.07	1.06	4.35	4.15	4.01	4.02	3.64	1.59	1.62	1.63	1.63	1.58
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.32	1.32	-	-	-	3.89	3.97	-	-	-	1.92	1.91	-	-	-
NC A & T	1.89	1.73	1.88	1.97	1.77	7.78	7.26	8.85	7.86	6.23	2.97	2.76	3.04	3.09	2.72
NC Central	2.33	2.25	2.05	1.72	1.62	9.75	8.96	8.19	6.66	6.47	3.07	2.94	2.66	2.26	2.14
UNC-Charlotte	0.77	0.80	0.74	0.73	0.74	3.20	3.38	3.15	2.91	3.26	1.20	1.24	1.18	1.16	1.18
UNC-Wilmington	0.72	0.75	-	-	-	3.21	3.48	-	-	-	1.05	1.09	-	-	-
West'n Carolina	1.61	1.55	1.48	1.59	1.68	7.10	6.98	7.18	6.95	6.65	2.30	2.28	2.27	2.34	2.39
SUBTOTAL	1.19	1.22	1.26	1.25	1.22	4.63	4.86	4.99	4.56	4.35	1.73	1.76	1.83	1.80	1.74
Gen. Baccalaureate Universities:															
Elizabeth City	1.30	1.67	2.00	2.07	2.02	7.57	10.59	7.34	7.16	7.07	2.35	2.95	3.26	3.32	3.28
Fayetteville	-	-	1.49	1.26	1.37	-	-	4.13	4.24	4.52	-	-	2.09	1.92	2.13
Pembroke	2.05	2.21	2.25	2.34	2.11	4.51	4.58	5.51	6.18	5.73	2.44	2.60	2.72	2.85	2.57
UNC-Asheville	0.84	1.17	0.94	1.18	1.30	4.62	4.65	4.04	5.16	5.73	1.30	1.61	1.31	1.65	1.81
UNC-Wilmington	-	-	0.79	0.83	0.86	-	-	3.51	3.30	3.75	-	-	1.13	1.18	1.23
Winston-Salem	2.17	2.39	2.41	2.13	1.99	6.49	6.76	8.42	5.87	5.59	2.60	2.80	2.86	2.51	2.36
SUBTOTAL	1.59	1.86	1.42	1.43	1.43	5.79	6.41	4.95	4.88	5.10	2.15	2.45	1.94	1.97	2.00
Specialized Institution:															
NC Sch. of Arts	2.14	3.13	2.16	2.57	3.14	8.39	5.67	5.89	5.55	5.09	6.05	4.98	4.55	4.68	4.62
Technical and Community Colleges:															
SUBTOTAL	1.44	1.43	1.48	1.33	1.24	4.11	3.99	4.15	3.89	3.61	2.49	2.45	2.55	2.33	2.16
PRIVATE INSTITUTIONS															
Major Research Universities:															
SUBTOTAL	1.35	1.41	1.43	1.44	1.47	5.48	6.45	6.68	6.86	5.77	1.75	1.84	1.85	1.90	1.92
Gen. Baccalaureate Colleges:															
SUBTOTAL	1.77	1.72	1.76	1.68	1.65	9.00	8.72	8.59	8.20	6.99	2.57	2.53	2.57	2.44	2.35
Junior Colleges:															
SUBTOTAL	2.00	1.83	1.87	1.75	1.68	7.58	7.06	7.43	6.55	5.83	2.97	2.77	2.83	2.61	2.42
GRAND TOTAL	1.33	1.34	1.37	1.32	1.28	4.69	4.66	4.77	4.53	4.24	2.12	2.13	2.17	2.09	2.01

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1986	1985	1984	1983	1982	1986	1985	1984	1983	1982	1986	1985	1984	1983	1982
Technical and Community Colleges:															
Anson TC	3.07	2.31	5.61	4.12	4.18	5.42	5.76	7.12	5.54	4.25	4.47	4.21	6.57	5.00	4.23
Ashev'le-Bun. TC	1.64	1.89	1.95	1.56	1.52	4.15	4.40	4.95	3.93	3.99	2.55	2.84	3.03	2.38	2.35
Beaufort Co. CC	2.24	2.13	2.61	2.33	2.07	6.52	6.49	8.72	7.08	5.34	3.85	3.64	4.45	3.92	3.32
Bladen TC	1.75	1.86	1.75	1.74	1.35	5.37	5.26	7.89	9.40	6.79	4.01	4.08	5.04	5.05	3.80
Blue Ridge TC	1.34	1.27	1.46	1.66	1.50	5.65	5.50	5.96	6.30	5.99	3.18	3.11	3.34	3.53	3.26
Brunswick TC	2.09	1.95	1.81	2.11	2.83	4.61	4.83	5.57	4.85	2.74	3.20	3.17	3.36	3.41	2.78
Caldwell CC & TI	1.35	1.40	1.38	1.38	1.13	3.84	3.46	3.68	3.09	3.18	2.50	2.43	2.48	2.27	2.14
Cape Fear TI	1.02	1.02	1.24	1.07	0.97	2.88	3.46	3.91	3.16	2.72	2.06	2.29	2.68	2.23	1.97
Carteret TC	1.59	1.46	1.48	1.46	1.33	4.41	5.04	5.53	4.71	4.66	2.57	2.58	2.77	2.64	2.52
Catawba Vy. TC	1.68	1.64	1.75	1.45	1.37	4.53	4.38	5.11	4.29	4.65	2.90	2.77	3.12	2.65	2.58
C. Carolina TC	1.07	1.05	1.06	0.94	0.85	3.59	3.66	3.36	3.27	3.21	2.11	2.07	1.94	1.78	1.68
C. Piedmont CC	0.72	0.87	0.91	0.84	0.80	2.18	2.52	2.40	2.06	2.04	1.23	1.43	1.43	1.29	1.27
Cleveland TC	2.30	2.06	2.18	2.14	2.18	6.65	5.65	5.43	5.29	4.13	4.17	3.64	3.58	3.47	3.01
Coastal Car. CC	0.81	0.80	0.91	0.92	0.89	3.93	4.02	4.52	4.32	4.09	1.81	1.77	2.01	2.00	1.93
Col. Albemarle	1.64	1.56	1.60	1.15	1.14	5.69	4.69	5.75	4.41	4.85	3.25	2.95	3.30	2.42	2.49
Craven CC	1.32	1.20	1.32	1.62	1.30	2.15	2.43	2.72	3.02	3.11	1.71	1.72	1.97	2.31	2.16
Davidson Co. CC	1.42	1.37	1.47	1.25	0.94	4.60	4.59	4.57	4.16	3.88	2.38	2.24	2.36	2.18	1.73
Durham TCC	1.17	1.27	1.08	1.07	0.94	3.55	3.46	4.22	4.17	2.93	2.12	2.21	2.12	2.12	1.68
Edgecombe TC	2.58	3.17	3.06	2.31	2.02	8.51	7.45	10.64	7.05	6.87	4.54	4.79	5.23	3.81	3.42
Fayettev'le TI	1.02	1.07	1.07	0.89	0.88	3.64	3.44	3.10	2.67	2.82	1.64	1.68	1.61	1.37	1.41
Forsyth TC	1.75	1.65	1.15	0.98	1.03	4.99	4.68	4.42	3.96	3.67	2.85	2.70	2.43	2.13	2.13
Gaston Col.	1.67	1.52	1.90	1.71	1.34	7.14	5.17	5.76	7.17	3.98	3.24	2.77	3.33	3.37	2.30
Guilford TCC	1.31	1.48	1.54	1.26	1.17	3.68	3.86	4.30	3.83	3.93	2.23	2.40	2.60	2.17	2.02
Halifax CC.	1.88	1.44	1.29	1.29	1.19	6.18	4.27	4.98	3.75	3.55	3.50	2.53	2.57	2.29	2.14
Haywood TC	1.66	1.58	2.02	1.43	1.70	3.97	3.57	4.21	4.10	3.27	3.17	2.91	3.51	3.14	2.76
Isothermal CC	2.48	1.92	2.21	2.11	2.02	3.94	3.80	3.60	4.42	3.66	3.17	2.79	2.94	3.15	2.81
J. Sprunt CC	2.29	2.18	1.96	1.95	1.41	7.68	5.86	6.24	4.37	5.47	4.80	4.09	4.00	3.32	3.15
Johnston TC	1.59	1.92	1.67	1.50	1.23	4.97	4.27	5.35	4.35	3.29	2.63	2.82	3.06	2.62	2.06
Lenoir CC	1.79	1.64	1.73	1.54	1.40	4.23	4.14	3.21	2.85	2.76	2.72	2.55	2.37	2.11	1.97
Martin CC	4.01	4.37	3.75	3.09	2.69	8.95	6.85	6.94	8.39	7.21	6.45	5.88	5.54	5.68	4.91
Mayland TC	1.55	1.44	1.41	1.26	1.51	3.89	3.84	2.94	3.61	3.21	2.58	2.47	2.09	2.07	2.26
McDowell TC	3.26	3.10	3.00	3.63	3.40	3.31	3.52	3.28	3.21	2.90	3.30	3.37	3.18	3.34	3.06
Mitchell CC	1.97	2.20	1.96	1.84	1.47	4.21	5.14	4.36	4.29	5.64	2.85	3.26	2.86	2.74	2.87
Montgomery TC	2.11	3.08	2.57	2.22	1.82	4.71	5.57	4.92	4.62	3.80	3.78	4.80	4.15	3.59	2.97
Nash TC	2.93	1.47	1.74	1.54	1.64	4.76	3.38	4.89	5.13	3.93	3.65	2.39	2.89	2.95	2.55
Pamlico TC	3.35	3.22	4.51	4.28	3.56	6.95	9.05	9.50	7.90	7.12	5.23	5.82	6.96	6.32	5.49
Piedmont TC	2.13	2.69	2.13	2.01	1.20	6.02	6.93	8.76	7.59	4.26	3.88	4.70	4.41	3.97	2.36
Pitt CC	1.22	1.25	1.34	1.06	0.97	3.26	3.07	3.00	3.34	2.87	1.98	1.95	2.02	1.85	1.67
Randolph TC	2.11	1.35	1.39	1.44	1.57	4.58	4.12	4.66	4.41	4.08	3.39	2.90	3.14	3.09	3.10
Richmond TC	1.60	1.59	1.56	1.46	1.19	5.88	4.62	5.16	4.49	4.64	3.28	2.96	3.09	2.70	2.45
Roanoke-Cho. TC	2.46	2.19	2.19	2.54	2.07	4.83	4.07	4.72	5.18	4.76	3.48	3.00	3.29	3.90	3.31
Robeson TC	1.78	1.88	1.77	1.92	1.24	5.62	4.00	5.23	4.47	3.44	3.34	3.06	3.41	3.28	2.32
Rockingham CC	1.39	1.44	1.72	1.50	1.39	5.79	5.46	4.86	5.25	4.62	2.66	2.73	2.93	2.73	2.48
Rowan TC	1.53	1.61	1.75	1.40	1.76	4.39	4.59	3.62	3.93	3.90	2.46	2.60	2.49	2.18	2.53
Sampson TC	1.14	1.32	1.13	1.23	1.15	3.10	2.56	2.96	3.35	3.72	2.02	1.97	1.96	2.16	2.21
Sandhills CC	1.17	1.29	1.29	1.13	1.07	4.06	4.01	4.03	3.86	3.47	2.21	2.28	2.27	2.08	1.87
Southeastern CC	1.78	1.73	1.98	1.98	1.82	4.30	4.34	4.61	3.89	3.88	2.74	2.69	2.96	2.78	2.61
Southwestern TC	2.13	1.52	1.91	1.15	1.34	6.09	5.93	5.52	4.73	5.04	3.63	2.88	3.46	2.30	2.62
Stanly TC	1.78	1.89	1.89	1.73	1.60	4.74	3.09	3.11	3.46	3.66	3.25	2.40	2.32	2.32	2.24
Surry CC	1.38	1.46	1.41	1.46	1.32	2.57	2.53	2.78	3.04	2.74	1.91	1.97	2.03	2.12	1.91
TC Alamance	1.05	1.09	1.03	0.92	0.93	2.78	2.99	2.75	2.40	2.79	1.76	1.81	1.64	1.50	1.59
Tri-County CC	2.12	2.43	2.76	2.45	2.09	6.84	6.46	7.00	6.49	5.71	4.32	4.50	4.81	4.44	3.83
Vance-Granv. CC	1.72	1.53	1.78	1.56	1.69	3.31	3.16	3.06	3.03	3.30	2.51	2.25	2.41	2.24	2.46
Wake TC	0.94	1.01	1.08	0.99	0.98	3.58	3.28	3.10	3.00	3.10	1.78	1.75	1.81	1.66	1.66
Wayne CC	1.54	1.29	1.37	1.14	1.08	3.69	3.62	3.35	3.30	2.89	2.47	2.20	2.21	1.97	1.82
W. Piedmont CC	1.37	1.31	1.43	1.45	1.34	3.50	2.58	2.46	2.85	3.07	2.33	1.90	1.93	2.06	2.04
Wilkes CC	1.70	1.52	1.54	1.45	1.36	4.37	4.39	4.97	4.60	3.99	2.53	2.42	2.55	2.37	2.17
Wilson Co. TC	2.30	1.56	1.70	1.37	1.27	4.78	4.87	5.46	6.18	6.12	3.64	3.12	3.42	3.23	3.10
TOTAL	1.44	1.43	1.48	1.33	1.24	4.11	3.99	4.15	3.89	3.61	2.49	2.45	2.55	2.33	2.16

Range of Selected Space Utilization Indices for Classrooms

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Major Research Universities:	31.7	29.2	26.6	59.4	59.0	58.6	0.94	0.84	0.76
Other Doctoral Universities:*	20.6	20.6	20.6	59.1	59.1	59.1	1.26	1.26	1.26
Comprehensive Universities:	34.9	23.6	13.4	59.1	55.4	48.9	2.33	1.19	0.72
Gen. Baccalaureate Universities:	36.7	20.2	15.0	51.0	47.7	45.6	2.17	1.59	0.84
Specialized Institution:*	15.2	15.2	15.2	53.3	53.3	53.3	2.14	2.14	2.14
Technical and Comm. Colleges:	37.6	23.5	12.5	80.1	53.5	38.8	4.01	1.44	0.72
PRIVATE INSTITUTIONS									
Major Research Universities:	20.2	19.7	19.5	55.2	51.4	49.4	1.38	1.35	1.32
Gen. Baccalaureate Colleges:	28.7	17.8	9.4	61.4	47.3	26.3	4.35	1.77	0.93
Junior Colleges:	20.9	15.9	13.6	69.5	56.3	42.9	2.64	2.00	1.36
STATE RANGE	37.6	22.2	9.4	80.1	53.7	26.3	4.35	1.33	0.72
TYPICAL STANDARD		30.0			60.0			0.83-0.90	

*Only one institution in this category

Range of Selected Space Utilization Indices for Class Laboratories

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
Major Research Universities:	17.5	13.2	11.4	71.6	68.0	62.0	5.42	4.64	3.13
Other Doctoral Universities:*	8.2	8.2	8.2	46.3	46.3	46.3	7.33	7.33	7.33
Comprehensive Universities:	17.1	12.1	6.2	70.2	55.0	38.9	9.75	4.63	3.20
Gen. Baccalaureat: Universities:	12.0	10.1	8.4	64.1	51.1	40.9	7.57	5.79	4.51
Specialized Institution:*	12.4	12.4	12.4	51.7	51.7	51.7	8.39	8.39	8.39
Technical and Comm. Colleges:	38.2	20.9	10.1	79.8	55.7	37.8	8.95	4.11	2.15
PRIVATE INSTITUTIONS									
Major Research Universities:	9.4	8.4	7.9	77.8	71.3	61.2	5.65	5.48	5.40
Gen. Baccalaureate Colleges:	23.0	7.0	2.8	73.0	45.5	18.5	66.10	9.00	3.02
Junior Colleges:	10.6	7.8	5.9	71.1	50.5	41.2	12.86	7.58	4.58
STATE RANGE	38.2	15.6	2.8	79.8	55.6	18.5	66.10	4.69	2.15
TYPICAL STANDARD		20.0			80.0			3.00-5.00	

*Only one institution in this category

TABLE 11:
SPACE CRITERIA

The Higher Education Facilities Planning and Management Manuals, which are published by the Western Interstate Commission for Higher Education, provide one of the best sources of information on space criteria. Since all higher education institutions have been provided copies of the manuals, only highlights of space criteria will be provided in Table 11. It is recommended that the manuals be used for further information or assessments. In addition, this Commission is always ready to respond to queries on facilities matters.

Space Criteria

Table 11

CLASSROOMS:	Average	Range
Room Utilization Ratio	30 hours/week	20-32 hours/week
Station Occupancy Ratio	65%	45%-85%
Assignable Square Feet Per Student Station	18 ASF	10-25 ASF

LABORATORIES:	Average	Range
Room Utilization Ratio, Lower Division	24 hours	22-26 hours
Room Utilization Ratio, Upper Division	16 hours	14-18 hours
Station Occupancy Ratio, Lower Division	80%	75%-85%
Station Occupancy Ratio, Upper Division	60%	55-65%

Assignable Square Feet Per Station

Criteria vary from 15 to 150 ASF depending on academic program and course levels. Details are shown in Table 53 of Higher Education Facilities Planning and Management Manual Two. Some examples are:

Biology, general	30-40 ASF	Forestry	30-40 ASF
Fine Arts, general	30-50 ASF	Architecture	40-50 ASF
Letters	15-25 ASF	Engineering, general	40-70 ASF
Accounting	20-35 ASF	Business and Management	20-30 ASF
Automotive Technology	100-150 ASF	Sculpture, Ceramics	50-80 ASF
Nursing, practical	25-50 ASF	Music (Liberal Arts)	15-20 ASF

LIBRARIES:

Stack Unit Floor Area Criteria

Type of Stack Area	Average Bound Volumes per Assignable Square Foot	Average Assignable Square Feet per Volume
Open-Stack Reading Rooms	8 - 10	0.125 - 0.10
Open Stacks	10 - 12	0.10 - 0.083
Closed Stacks	12 - 15	0.083 - 0.067
High Density Compact Storage	40 - 60	0.025 - 0.017

Table 11

LIBRARIES (Continued):

Reading Stations Unit Floor Area Criteria

Type of Station	Assignable Square Feet per Station
Open Tables and Chairs	20 - 25
Small Carrels	25 - 30
Research Carrels (Open)	30 - 35
Enclosed Studies (Faculty)	40 - 70
Microform and Audio/Visual Carrels	35 - 45
Typing Stations (Multiple Stations in an Enclosed Room)	25 - 35
Reading Lounge	25 - 30
Conference Rooms, Seminar Rooms and Small-Group Studies	20 - 25

Staff and Service Space Unit Floor Area Criteria

As a general guideline, the total staff and service facilities of a library may be expected to range from 25 percent (for a smaller library) to 18 percent (for a larger library) of the combined stack and reader floor area.

OFFICES:

ASSIGNABLE SQUARE FEET CRITERIA FOR OFFICE STATIONS

	Academic Departments		Nonacademic Departments	
Personnel Category	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station
Administrator - President	N/A	N/A	300±50	N/A
Vice-Pres.	N/A	N/A	240±30	N/A
Dean	240±20	N/A	N/A	N/A
Chairman	180±20	N/A	N/A	N/A
Professional	120±10	90±10	120±20	90±10
Secretarial-Clerical	120±10	90±20	120±40	90±20
Graduate Assistants	N/A	50±10	N/A	N/A

Table 11

OFFICES (Continued):

ASSIGNABLE SQUARE FEET CRITERIA FOR CONFERENCE ROOM AND CONFERENCE ROOM SERVICE FACILITIES

Stations	Conference Room Assignable Square Feet per Station Assignable Square Feet per Station	Conference Room Service Space in Assignable Square Feet
10	25	30±5
15	22	30±5
20	20	30±5
25	20	30±5
30	15	30±5

GENERAL USE FACILITIES UNIT FLOOR AREA CRITERIA:

Type of Facility	Item	Assignable Square Feet
1. Food Facilities	1. Dining Station - Family Size	12.5
	2. Dining Station - Cafeteria	11.0
	3. Dining Station - Snack Bar	10.0
2. Lounge Facilities	1. Station - Commons Room	20
3. Recreation Facilities	1. Lockers	6.75
	2. Meeting Room	20 ASF/Station
	3. Billiards	320 ASF/Table
	4. Bowling Alley	575 ASF/Lane
	5. Kitchenette	20
	6. Table Tennis	345 ASF/Table
4. Residential Facilities	1. Single Occupancy*	110 - 130
	2. Double Occupancy*	190 - 230
	3. Married - One Bedroom	570 - 650
	4. Married - Two Bedroom	620 - 750

*Toilets, washrooms, showers, and recreational space are not included.

TABLE 12:
ENROLLMENTS

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of a conversion formula which is described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describe some data trends in headcount enrollment.

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for The University of North Carolina and the Department of Community Colleges, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE students is used: a student with a load of 9 through 11 credit hours is the equivalent of 3/4 FTE; the student with a 6 through 8 credit hour load is the equivalent of 1/2 FTE; and a student with less than 6 credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for The University of North Carolina, a student carrying 9 or more credit hours is considered a full-time student. In those instances where a graduate student takes less than 9 credit hours, the following method of equating is used: a student with a load of 6 through 8 credit hours is the equivalent of 3/4 FTE; the student with a 3 through 5 credit hour load is the equivalent of 1/2 FTE; and a student with less than 3 credit hours is the equivalent of 1/4 FTE.

For the community colleges and technical institutes, Table 12 lists only on-campus credit enrollments for 1982-1985. This means that instruction which took place in facilities not on a community college's campus would not be considered in determining the enrollments listed. For 1986, the on-campus FTE is provided, but as a means of comparison, the total FTE (representing both on-campus and off-campus instruction) is also listed for all institutions in the Community College System. Since the private colleges and universities and the constituent institutions of The University of North Carolina do not conduct a signifi-

cant number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments

For fall 1986, the total headcount enrollment for institutions of higher education in the United States and the District of Columbia was 12,398,000--an increase of 1.2% over the previous year.* Enrollment of women rose 2% while enrollment of men remained unchanged.

Undergraduate enrollment increased 1% (from 10,597,000 to 10,724,000), although first-time freshmen remained at about the same level (2,265,000 in 1986). At the same time, the size of the traditional college-age population (18- to 24-year-olds) declined 2% from 1985 to 1986. Graduate level enrollment increased by 1%, in large part reflecting a rise in the number of women enrolled.

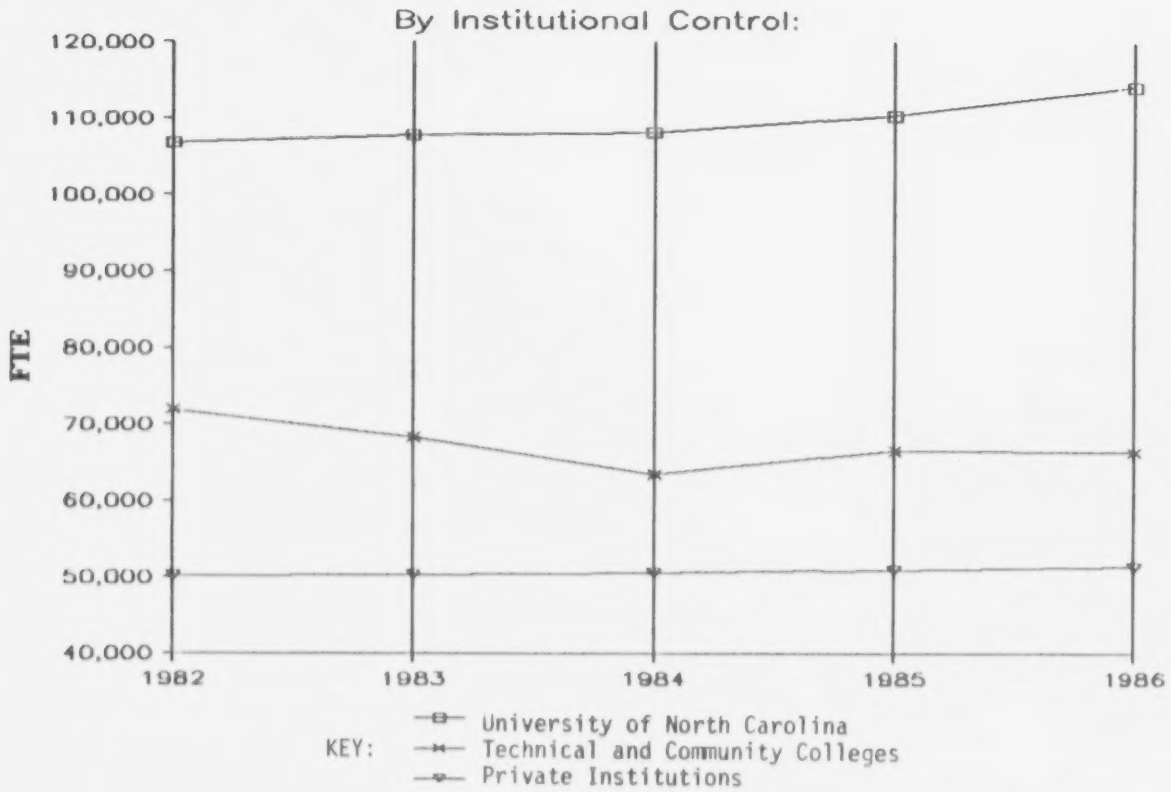
The following table indicates the annual percentage changes, for public and private institutions, in national headcount enrollments for the last five years:

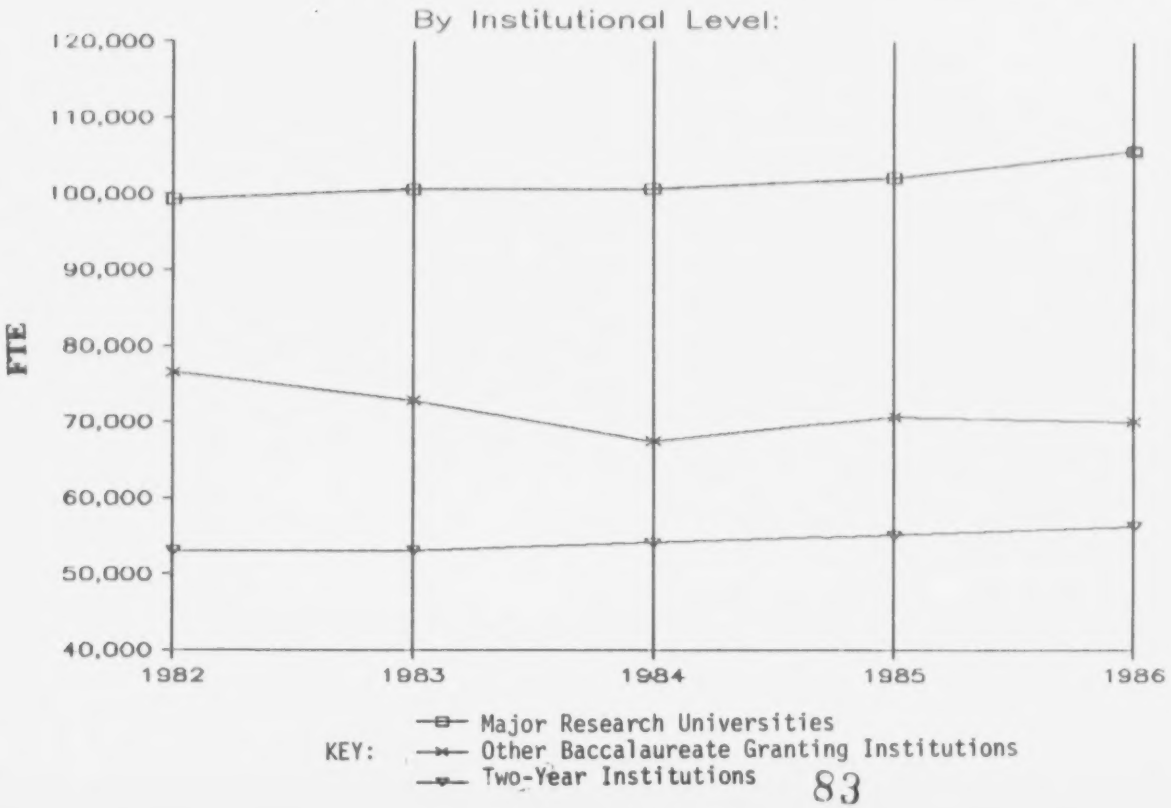
	Overall Increase	Public Institutions	Private Institutions
1982	0.4	0.5	0.2
1983	0.3	-0.1	1.9
1984	-1.8	-2.3	0.0
1985	0.0	0.2	-0.5
1986	1.2	1.0	0.0

In North Carolina, total headcount enrollment increased by 2.3% in 1986. The number of women enrolled increased by 2.9%, while the number of men increased by 1.5%. Women comprised 51.1% of the full-time enrollment and 58.5% of the part-time enrollment in North Carolina.

*National headcount figures presented here are based on a preliminary survey (December, 1986) of more than 600 institutions of higher education conducted by the Center for Education Statistics. Results of the final CES 1986 survey of a universe of 13,000 institutions were not available in time for this publication.

FTE ENROLLMENTS





FTE Enrollments
Summary

Table 12

INSTITUTION	1986	1985	1984	1983	1982
Major Research Universities:	40,994	40,083	39,423	38,741	38,695
Other Doctoral Universities:	8,889	8,614	8,479	8,456	8,579
Comprehensive Universities:	55,670	53,475	44,877	45,413	44,752
Gen. Baccalaureate Universities:	8,159	7,678	14,868	14,624	14,191
Specialized Institution:	460	478	496	529	530
Technical and Community Colleges:	66,357	66,527	63,426	68,268	71,906
		PRIVATE INSTITUTIONS			
Major Research Universities:	15,245	14,968	14,634	14,281	14,328
Gen. Baccalaureate Colleges:	32,457	31,852	31,865	31,473	31,184
Junior Colleges:	3,657	4,119	4,022	4,523	4,672
GRAND TOTAL	231,888	227,794	222,090	226,308	228,837

FTE Enrollments
Institutional

Table 12

INSTITUTION	1986	1985	1984	1983	1982
Major Research Univ.:					
NC State	20,014	19,718	19,471	18,678	18,555
NC State Vet.	283	253	221	150	-
UNC-Chap. Hill	17,582	17,026	16,598	16,740	16,993
UNC-Health Af.	3,115	3,086	3,133	3,173	3,147
SUBTOTAL	40,994	40,083	39,423	38,741	38,695
Other Doctoral Univ.:					
UNC Greensboro	8,889	8,614	8,479	8,456	8,579
Comprehensive Univ.:					
Appalachian	9,780	9,132	8,898	9,144	9,328
East Carolina	12,031	11,655	11,324	10,914	10,951
ECU-Health Aff.	1,131	1,228	1,370	1,380	1,290
Fayetteville	2,583	2,615	-	-	-
NC A & T	5,388	5,224	4,965	5,221	4,760
NC Central	4,231	4,093	3,964	4,581	4,476
UNC-Charlotte	9,866	9,064	8,813	8,687	8,480
UNC-Wilmington	5,424	5,207	-	-	-
West'n Carolina	5,236	5,257	5,543	5,486	5,467
SUBTOTAL	55,670	53,475	44,877	45,413	44,752
Gen. Baccalaureate Univ.:					
Elizabeth City	1,545	1,475	1,501	1,417	1,463
Fayetteville	-	-	2,374	2,419	2,179
Pembroke	2,109	1,998	1,874	1,843	1,919
UNC-Asheville	2,198	2,022	1,965	1,938	1,835
UNC-Wilmington	-	-	4,960	4,863	4,749
Winston-Salem	2,307	2,183	2,194	2,144	2,046
SUBTOTAL	8,159	7,678	14,868	14,624	14,191
Specialized Inst.:					
NC Sch. of Arts	460	478	496	529	530

FTE Enrollment
Institutional

Table 12

INSTITUTION	1986*	1985	1984	1983	1982
Technical and Community Colleges:					
Anson TC	206 (442)	205	202	253	273
Ashev'le-Bun. TC	1,756 (1,827)	1,717	1,559	1,688	1,760
Beaufort Co. CC	643 (797)	642	565	575	655
Bladen TC	315 (450)	316	212	250	282
Blue Ridge TC	716 (785)	746	673	682	743
Brunswick TC	439 (452)	391	332	302	247
Caldwell CC & TI	1,181 (1,423)	835	1,142	1,201	1,299
Cape Fear TI	1,620 (1,635)	1,439	1,184	1,351	1,437
Carteret TC	733 (804)	692	615	716	699
Catawba Vy. TC	1,351 (1,573)	1,322	1,310	1,607	1,573
C. Carolina TC	1,259 (1,626)	1,281	1,156	1,312	1,410
C. Piedmont CC	6,798 (8,266)	6,838	6,415	7,141	8,043
Cleveland TC	589 (838)	690	724	845	957
Coastal Car. CC	2,083 (2,222)	2,146	1,944	1,719	1,742
Col. Albemarle	758 (969)	796	836	900	1,005
Craven CC	856 (1,313)	983	965	1,014	1,101
Davidson Co. CC	1,312 (1,466)	1,246	1,480	1,693	1,917
Durham TCC	2,053 (2,447)	2,058	1,933	1,931	2,214
Edgecombe TC	664 (803)	733	616	779	736
Fayettev'le TI	3,370 (4,165)	3,442	3,212	3,779	3,752
Forsyth TC	2,301 (2,371)	2,302	1,969	2,109	2,115
Gaston Col.	2,138 (2,275)	2,203	1,943	2,065	2,279
Guilford TCC	3,289 (3,412)	3,014	3,027	2,811	2,698
Halifax CC	617 (768)	700	663	694	779
Haywood TC	830 (835)	831	712	794	784
Isothermal CC	1,166 (1,200)	1,184	995	1,240	1,286
J. Sprunt CC	452 (607)	448	480	523	547
Johnston TC	942 (1,371)	948	954	960	993
Lenoir CC	1,284 (1,438)	1,312	1,173	1,329	1,481
Martin CC	446 (483)	442	458	477	465

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

FTE Enrollment
Institutional

Table 12

INSTITUTION	1986*	1985	1984	1983	1982
Technical and Community Colleges:					
Mayland TC	343 (480)	383	369	420	399
McDowell TC	477 (495)	419	454	463	515
Mitchell CC	861 (948)	816	820	868	918
Montgomery TC	261 (382)	269	258	296	312
Nash TC	798 (845)	891	710	789	851
Pamlico TC	118 (118)	117	97	109	136
Piedmont TC	283 (557)	320	496	370	473
Pitt CC	1,619 (1,957)	1,601	1,591	1,709	1,733
Randolph TC	892 (896)	883	804	809	813
Richmond TC	735 (793)	758	777	860	918
Roanoke-Cho. TC	394 (444)	403	500	450	426
Robeson TC	716 (909)	782	656	739	800
Rockingham CC	1,083 (1,095)	1,032	973	1,081	1,215
Rowan TC	1,230 (1,584)	1,132	1,219	1,428	1,481
Sampson TC	618 (642)	643	613	610	609
Sandhills CC	1,294 (1,363)	1,361	1,330	1,456	1,441
Southeastern CC	963 (1,107)	999	951	1,063	1,092
Southwestern TC	645 (865)	665	664	741	725
Stanly TC	492 (743)	569	542	511	562
Surry CC	1,322 (1,647)	1,290	1,214	1,081	1,216
TC Alamance	1,358 (1,664)	1,319	1,245	1,408	1,418
Tri-County CC	448 (491)	445	446	480	528
Vance-Granv. CC	878 (988)	853	851	930	906
Wake TC	2,270 (2,878)	2,311	2,223	2,275	2,114
Wayne CC	1,347 (1,541)	1,494	1,479	1,712	1,961
W. Piedmont CC	1,215 (1,335)	1,236	997	1,027	1,020
Wilkes CC	746 (1,128)	857	940	1,068	1,138
Wilson Co. TC	784 (861)	777	758	775	914
TOTAL	66,357 (77,819)	66,527	63,426	68,268	71,906

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

FTE Enrollment
Institutional

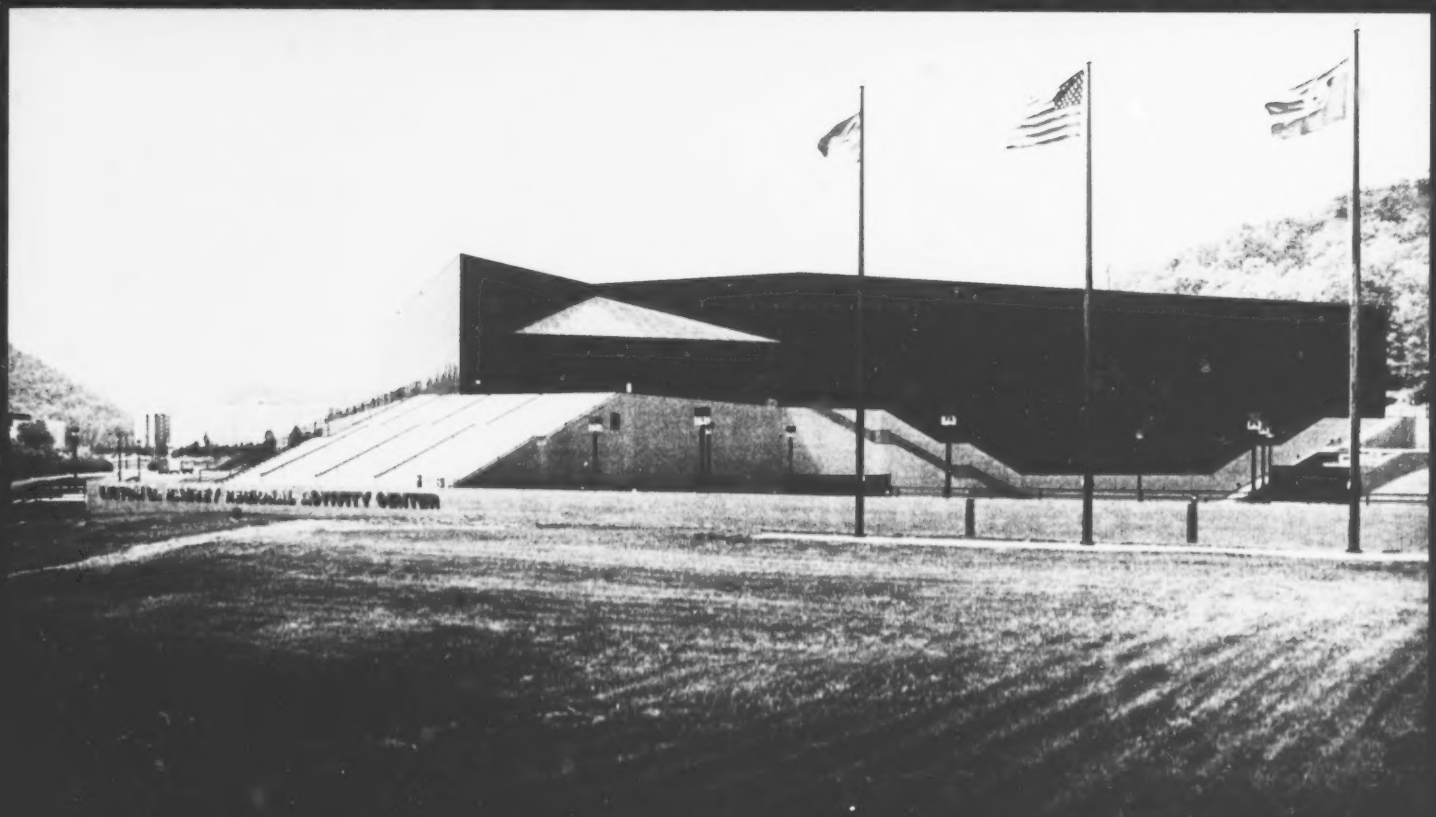
Table 12

INSTITUTION	1986	1985	1984	1983	1982
		PRIVATE INSTITUTIONS			
Major Research Universities:					
Duke	9,631	9,322	9,085	8,730	8,723
Duke Med. Ctr.	666	724	757	854	929
Wake Forest	4,535	4,494	4,364	4,271	4,250
Bowman Gray	413	428	428	426	426
SUBTOTAL	15,245	14,968	14,634	14,281	14,328
Gen. Baccalaureate Colleges:					
Atlantic Christian	1,136	1,138	1,227	1,385	1,425
Barber-Scotia	376	374	373	421	371
Belmont Abbey	806	846	837	805	783
Bennett	572	554	562	550	532
Campbell	2,636	2,365	2,676	2,540	2,523
Catawba	817	839	865	908	925
Davidson	1,390	1,396	1,369	1,368	1,400
Elon	2,826	2,672	2,574	2,528	2,457
Gardner-Webb	1,586	1,567	1,696	1,673	1,662
Greensboro	510	533	513	536	557
Guilford	1,465	1,422	1,422	1,400	1,423
High Point	1,287	1,268	1,254	1,270	1,279
Johnson C. Smith	1,118	1,251	1,254	1,115	1,172
Lenoir Rhyne	1,403	1,380	1,327	1,274	1,272
Livingstone	720	627	650	674	593
Mars Hill	1,186	1,270	1,234	1,353	1,382
Meredith	1,697	1,624	1,552	1,520	1,477
Methodist	1,096	1,077	859	686	681

FTE Enrollment
Institutional

Table 12

INSTITUTION	1986	1985	1984	1983	1982
Gen. Baccalaureate (Continued)					
Montreat-Anderson	367	-	-	-	-
Mount Olive	479	437	392	-	-
N. C. Wesleyan	592	503	553	578	589
Pfeiffer	780	746	716	724	722
Piedmont Bible	248	267	293	353	376
Queens	847	822	789	788	747
Sacred Heart	261	298	308	319	367
St. Andrews Presb.	717	721	701	693	691
St. Augustine's	1,614	1,661	1,691	1,615	1,547
Salem	614	592	620	619	557
Shaw	1,372	1,695	1,717	1,893	1,721
Warren Wilson	492	484	458	473	534
Wingate	1,447	1,423	1,383	1,412	1,419
SUBTOTAL	32,457	31,852	31,865	31,473	31,184
Junior Colleges:					
Brevard	578	658	649	677	714
Chowan	877	949	901	975	1,078
Lees-McRae	677	664	669	687	706
Louisburg	773	750	694	702	695
Montreat-Anderson	-	375	360	377	383
Mt. Olive	-	-	-	333	330
Peace	478	482	476	472	448
St. Mary's	274	241	273	300	318
SUBTOTAL	3,657	4,119	4,022	4,523	4,672
TOTAL	51,359	50,939	50,521	50,277	50,184



Liston B. Ramsey Regional Activity Center, Western Carolina University

The largest facility of its kind in western North Carolina, the Liston B. Ramsey Regional Activity Center opened in April, 1986, in Cullowhee on the campus of Western Carolina University. A multipurpose complex noted for its versatility, the $16.3 million structure houses on three levels a main arena, concourse, hospitality area, indoor recreational areas, and center administrative and university athletic offices.

A network of curtains and a portable stage create various configurations in the main arena, ranging from a small conference/workshop enclosure with seating for 500 to a large concert and public assembly arena with a capacity of 8,500. The concourse level includes public entrances, ticket booths, restrooms, concession and vending areas, first aid facilities, and areas for exhibits, displays and souvenir stands. An outdoor ice skating rink is located at the southern tip of the building.

Interior Space Characteristics

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TABLE 13:
NET-TO-GROSS RATIO

The net-to-gross ratio is the net assignable area of a building or group of buildings divided by the gross area. It is generally used as a measure of the efficiency of a building; the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant. More specifically, it is the building's gross area less its custodial, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because gross area figures include these structures. The following institutions have parking decks (gross areas are indicated in parentheses): Central Piedmont Community College (404,800 sq. ft.), North Carolina State University (329,148 sq. ft.), University of North Carolina at Chapel Hill-Health Affairs (522,938 sq. ft.). There are three parking decks at the private major research universities, representing a total gross area of 1,154,039 sq. ft. In addition, the lower level of the octagon section of Duncan Hall at Appalachian State University (5,000 sq. ft.) is a parking deck and is, therefore, considered nonassignable. Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely, and thus provide a more accurate index of campus space efficiency, are as follow: Central Piedmont Community College (68.3%), North Carolina State University (65.4%), University of North Carolina at Chapel Hill-Health Affairs (59.1%), private major research universities (65.7%), Appalachian State University (69.6%).

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average $72 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .66. This means that new construction costs are approximately $109 per assignable square foot.

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$

$$\text{CONSTRUCTION COST/ASF} = \frac{\$72}{.66} = \$109$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution $109 in new construction costs.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1986	1985	1984	1983	1982
Major Research Universities:							
NC State*	6,457,486	4,006,323	62.0	67.1	67.3	67.1	67.1
NC State Vet.	372,607	223,487	60.0	60.0	60.0	59.9	-
UNC-Chapel Hill	6,671,099	4,451,011	66.7	66.9	66.8	67.2	67.6
UNC-Health Aff.*	2,570,626	1,210,175	47.1	47.0	64.3	64.3	64.1
SUBTOTAL	16,071,818	9,890,996	61.5	63.5	66.4	66.5	66.8
Other Doctoral Universities:							
UNC-Greensboro	2,577,670	1,673,897	64.9	65.0	65.1	65.2	65.6
Comprehensive Universities:							
Appalachian*	2,631,832	1,827,005	69.4	69.5	69.9	70.0	70.4
East Carolina	2,676,822	1,893,980	70.8	70.7	70.7	70.7	70.9
ECU-Health Aff.	644,848	406,772	63.1	63.1	63.1	63.4	68.2
Fayetteville	753,103	497,024	66.0	66.0	-	-	-
NC A & T	1,934,885	1,350,767	69.8	69.6	69.7	69.7	70.1
NC Central	1,551,131	1,011,183	65.2	65.2	64.6	64.7	64.8
UNC-Charlotte	2,045,857	1,374,986	67.2	67.2	66.8	66.7	66.7
UNC-Wilmington	1,086,422	726,814	66.9	66.9	-	-	-
West'n Carolina	2,240,913	1,531,532	68.3	70.4	70.1	70.0	69.9
SUBTOTAL	15,565,813	10,620,063	68.2	68.5	68.7	68.8	69.2
Gen. Baccalaureate Universities:							
Elizabeth City	695,762	504,133	72.5	72.0	71.7	71.7	71.4
Fayetteville	-	-	-	-	66.0	66.3	66.0
Pembroke	631,681	438,330	69.4	69.4	69.4	69.4	69.4
UNC-Asheville	503,551	354,064	70.3	70.3	70.4	70.3	70.0
UNC-Wilmington	-	-	-	-	66.4	66.5	66.5
Winston-Salem	847,442	584,851	69.0	69.0	69.0	68.5	69.4
SUBTOTAL	2,678,436	1,881,378	70.2	70.1	68.5	68.5	68.5

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1986	1985	1984	1983	1982
Specialized Institution:							
NC Sch. of Arts	464,232	323,937	69.8	70.1	70.1	70.1	70.1
Teaching Hospital:							
NC Mem. Hosp.	1,173,922	679,094	57.8	57.6	57.2	56.5	57.4
Technical and Community Colleges:							
SUBTOTAL*	10,171,274	7,194,035	70.7	70.7	73.9	73.9	73.8
PRIVATE INSTITUTIONS							
Major Research Universities:							
SUBTOTAL*	11,647,499	6,891,410	59.2	59.1	68.3	68.5	68.7
Gen. Baccalaureate Colleges:							
SUBTOTAL	14,630,342	10,348,330	70.7	70.7	70.7	70.7	70.8
Junior Colleges:							
SUBTOTAL	2,217,381	1,555,149	70.1	69.7	69.8	70.3	70.5
GRAND TOTAL	77,198,387	51,058,289	66.1	66.6	69.0	69.0	69.2

*Beginning in 1985, the net-to-gross ratios for these institutions were affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross %				
			1986	1985	1984	1983	1982
Technical and Community Colleges:							
Anson TC	66,078	48,676	73.7	72.6	73.4	73.4	73.4
Ashev'le-Bun. TC	274,749	193,303	70.4	70.4	70.3	69.6	69.6
Beaufort Co. CC	126,448	99,469	78.7	78.3	76.8	80.0	80.5
Bladen TC	93,365	71,400	76.5	76.9	76.3	76.3	76.4
Blue Ridge TC	112,652	86,413	76.7	76.7	76.1	76.0	76.0
Brunswick TC	72,243	59,009	81.7	81.7	81.6	79.7	75.0
Caldwell CC & TI	162,374	123,273	75.9	75.9	76.0	76.0	76.0
Cape Fear TI	198,389	136,896	69.0	71.2	72.0	72.2	70.9
Carteret TC	165,596	128,454	77.6	75.2	75.8	77.8	77.8
Catawba Vy. TC	215,860	161,722	74.9	74.9	74.9	75.2	75.2
C. Carolina TC	130,362	101,735	78.0	77.9	77.6	77.7	77.7
C. Piedmont CC*	1,027,518	425,165	41.4	41.7	73.0	73.0	73.0
Cleveland TC	157,115	118,846	75.6	75.6	75.3	75.1	75.1
Coastal Car. CC	202,547	147,036	72.6	72.6	72.6	72.6	72.2
Col. Albemarle	132,914	94,974	71.5	71.3	70.7	71.9	71.9
Craven CC	127,058	91,657	72.1	71.9	71.9	71.4	70.9
Davidson Co. CC	208,596	145,065	69.5	69.5	69.5	69.7	69.7
Durham TCC	179,632	137,242	76.4	76.6	78.2	77.3	77.7
Edgecombe TC	119,744	82,820	69.2	69.4	69.3	68.9	68.7
Fayettev'le TI	310,784	226,594	72.9	72.8	72.8	72.5	72.4
Forsyth TC	383,785	283,772	73.9	73.9	75.3	74.9	74.9
Gaston Col.	276,234	192,544	69.7	69.8	69.8	71.4	70.7
Guilford TCC	529,600	380,982	71.9	72.5	72.6	72.7	72.6
Halifax CC	110,497	81,636	73.9	75.9	75.9	75.9	75.9
Haywood TC	229,362	179,771	78.4	78.3	78.4	78.4	77.6
Isothermal CC	184,286	142,366	77.3	77.6	77.6	77.3	77.3
J. Sprunt CC	103,459	77,713	75.1	75.1	75.1	75.1	74.6
Johnston TC	148,791	116,138	78.1	78.4	78.1	76.9	75.7
Lenoir CC	194,210	150,212	77.3	77.7	77.7	77.7	77.7
Martin CC	146,265	110,951	75.9	75.9	76.4	76.6	76.6

*Beginning in 1985, the net-to-gross for this institution was affected by a change in the way parking decks were reported. See page 81.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross Sq. Ft.	Assignable Sq. Ft.	Net : Gross % 1986	1985	1984	1983	1982
Technical and Community Colleges:							
Mayland TC	53,079	35,269	66.4	66.4	64.5	64.0	64.0
McDowell TC	64,696	51,167	79.1	79.1	79.1	79.1	79.0
Mitchell CC	190,167	132,277	69.6	69.6	69.5	69.2	69.2
Montgomery TC	64,090	43,103	67.3	67.3	67.5	68.2	68.2
Nash TC	124,459	89,147	71.6	73.4	73.4	73.5	73.5
Pamlico TC	40,198	28,725	71.5	71.5	71.5	71.5	71.5
Piedmont TC	96,884	84,176	86.9	86.9	86.9	86.9	85.6
Pitt CC	147,051	112,045	76.2	76.2	76.2	75.8	75.7
Randolph TC	167,877	134,128	79.9	78.8	78.8	78.8	79.0
Richmond TC	113,124	87,218	77.1	77.1	77.1	77.1	77.0
Roanoke-Cho. TC	92,913	66,696	71.8	71.8	71.8	72.6	72.9
Robeson TC	116,751	93,202	79.8	79.8	79.8	79.4	79.4
Rockingham CC	211,521	156,324	73.9	73.9	73.9	73.9	74.0
Rowan TC	191,182	146,324	76.5	76.5	75.4	75.4	75.4
Sampson TC	74,661	53,828	72.1	72.2	73.2	73.4	75.8
Sandhills CC	198,584	145,196	73.1	73.7	73.6	73.6	73.0
Southeastern CC	161,785	123,180	76.1	74.2	74.2	74.2	74.2
Southwestern TC	104,565	81,414	77.9	77.9	77.9	77.9	76.1
Stanly TC	75,599	56,567	74.8	72.5	73.5	72.6	72.6
Surry CC	166,706	123,257	73.9	74.0	74.0	73.7	73.7
TC Alamance	157,002	105,896	67.4	67.4	65.3	65.2	65.1
Tri-County CC	78,762	64,171	81.5	81.5	81.4	79.8	79.8
Vance-Granv. CC	150,006	95,005	63.3	62.3	62.3	62.3	61.6
Wake TC	258,144	186,483	72.2	72.2	72.3	72.4	72.9
Wayne CC	165,928	132,516	79.9	79.9	80.1	80.1	80.1
W. Piedmont CC	149,169	103,760	69.6	69.7	68.1	68.3	68.3
Wilkes CC	200,813	148,803	74.1	74.1	74.1	73.5	73.8
Wilson Co. TC	165,045	118,324	71.7	72.5	72.7	72.7	72.7
TOTAL	10,171,274	7,194,035	70.7	70.7	73.9	73.9	73.8

TABLE 14:
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Systems in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not because of rounding. In Tables 14a-14d, the sum of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

10 Instruction Program. This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a postsecondary degree or certificate.

20 Research Program. Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.

30 Public Service. The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.

40 Academic Support Program. Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.

50 Student Service Program. The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.

60 Institutional Administration Program. This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The ultimate goal of the Institutional Administrative Program is to provide for the institution's organizational effectiveness and continuity.

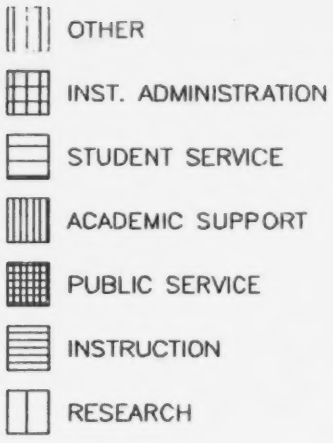
70 Physical Plant Operations Program. Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.

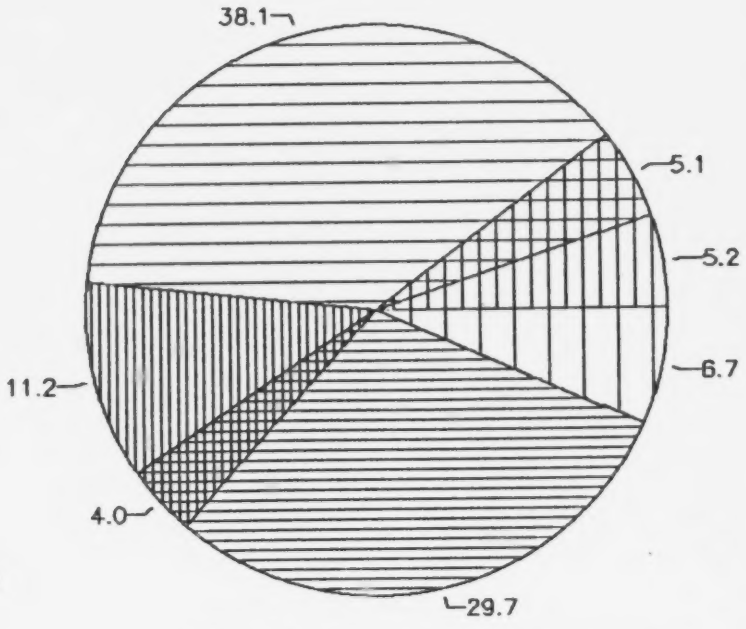
80 Student Financial Support Program. This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.

90 Independent Operations Program. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.

00 Unassigned. Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

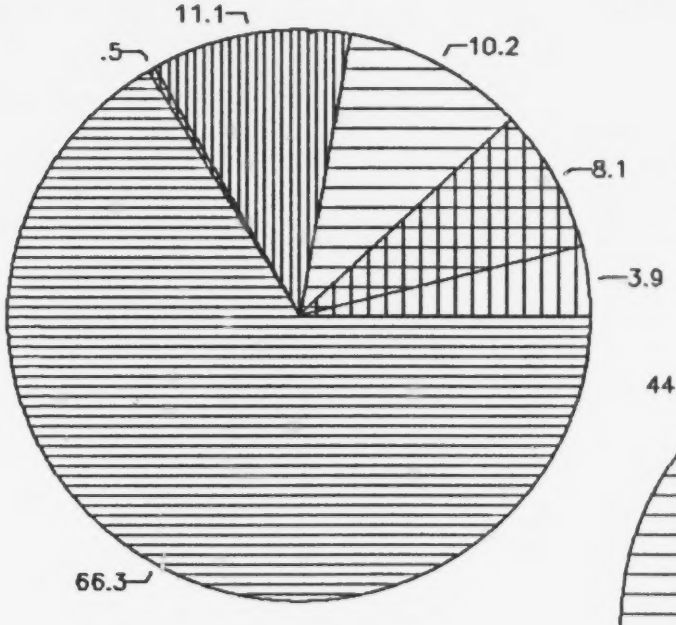
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS



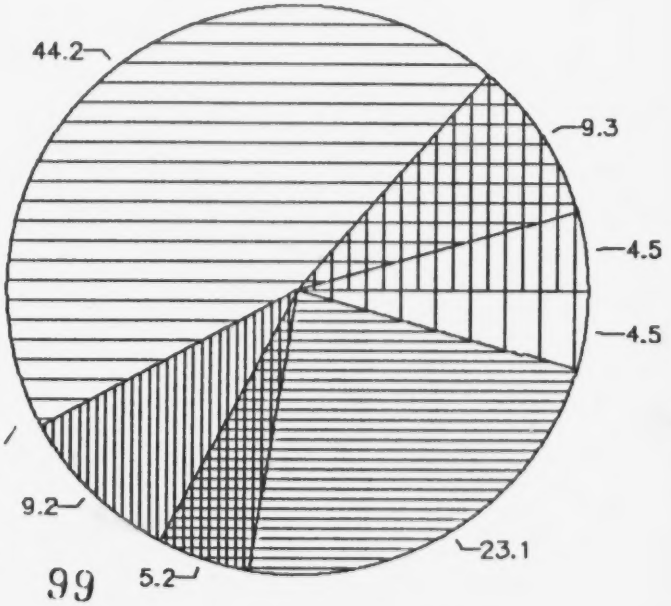


The University of North Carolina

ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS AND N.C. MEMORIAL HOSPITAL



Technical and Community Colleges



Private Institutions

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Major Research Universities:											
NC State	4,006,323	28.0	17.9	3.9	7.2	36.5	3.9	2.0	-	0.7	0.1-
NC State Vet.	223,487	35.5	26.5	22.1	10.4	3.4	1.7	0.4	-	-	-
UNC-Chapel Hill	4,451,011	21.8	5.5	1.2	14.8	40.2	6.0	1.8	-	4.2	4.5
UNC-Health Aff.	1,210,175	30.4	39.9	5.7	16.5	0.6	0.5	0.3	-	3.9	2.2
SUBTOTAL	9,890,996	25.7	15.2	3.3	11.8	33.0	4.3	1.7	-	2.7	2.3
Other Doctoral Universities:											
UNC-Greensboro	1,673,897	29.7	1.8	0.1-	12.4	45.2	5.5	1.3	-	-	4.0
Comprehensive Universities:											
Appalachian	1,827,005	31.6	0.3	0.5	10.6	48.3	4.7	3.1	-	0.1	0.9
East Carolina	1,893,980	31.1	1.6	0.5	10.8	49.9	4.3	1.4	-	-	0.5
ECU-Health Aff.	406,772	70.9	2.5	7.2	15.3	2.5	-	1.5	-	-	-
Fayetteville	497,024	32.3	0.2	0.4	8.6	44.0	9.7	3.5	-	0.3	1.1
NC A & T	1,350,767	37.5	3.5	0.3	12.8	37.8	5.5	1.4	-	0.6	0.7
NC Central	1,011,183	35.9	0.1	0.1	13.2	41.2	7.1	0.6	-	0.1	1.7
UNC-Charlotte	1,374,986	36.3	2.0	-	9.2	46.6	4.8	1.1	-	-	-
UNC-Wilmington	726,814	27.8	2.2	-	9.0	49.8	7.7	2.0	-	0.3	1.2
West'n Carolina	1,531,532	28.0	0.5	0.1	14.6	45.7	7.2	1.5	-	1.3	1.1
SUBTOTAL	10,620,063	34.0	1.4	0.5	11.5	44.1	5.6	1.7	-	0.3	0.8
Gen. Baccalaureate Universities:											
Elizabeth City	504,133	29.1	-	3.4	8.2	43.7	9.2	1.3	-	-	5.0
Pembroke	438,330	39.9	0.1	0.2	9.1	39.8	7.5	1.7	-	-	1.8
UNC-Asheville	354,064	31.4	0.4	1.9	13.4	34.6	7.9	2.4	-	0.7	7.3
Winston-Salem	584,851	31.3	0.4	0.1	7.9	37.9	4.2	1.7	-	0.1	16.3
SUBTOTAL	1,881,378	32.8	0.2	1.4	9.3	39.3	7.0	1.7	-	0.2	8.2
Specialized Institution:											
NC Sch. of Arts	323,937	52.9	-	0.4	7.3	32.1	6.4	0.9	-	-	-
Teaching Hospital:											
NC Mem. Hosp.	679,094	-	0.1-	88.6	-	-	1.3	2.1	-	2.1	5.9
Technical and Community Colleges:											
SUBTOTAL	7,194,035	66.3	-	0.5	11.1	10.2	8.1	2.0	-	0.6	1.2
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	6,891,410	16.8	12.0	14.0	12.0	33.6	6.1	2.3	-	3.0	0.2
Gen. Baccalaureate Colleges:											
SUBTOTAL	10,348,330	26.7	0.1	0.1	7.7	50.3	11.0	1.8	-	0.8	1.4
Junior Colleges:											
SUBTOTAL	1,555,149	27.1	-	0.1-	6.7	50.5	12.9	2.1	-	-	0.7
GRAND TOTAL	51,058,289	32.4	4.9	4.0	10.4	36.4	7.1	1.9	-	1.3	1.6

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Technical and Community Colleges:											
Anson TC	48,676	53.5	-	-	19.0	11.8	7.6	5.4	-	-	2.7
Ashev'le-Bun. TC	193,303	74.3	-	-	5.8	4.4	13.0	1.8	-	-	0.7
Beaufort Co. CC	99,469	61.1	-	-	11.5	13.1	8.2	4.3	-	-	1.8
Bladen TC	71,400	56.5	-	-	9.5	21.0	7.5	4.3	-	1.0	0.2
Blue Ridge TC	86,413	72.5	-	0.5	7.4	6.5	4.1	9.1	-	-	-
Brunswick TC	59,009	79.7	-	0.2	3.4	3.4	4.5	0.4	-	-	8.4
Caldwell CC & TI	123,273	56.2	-	0.1	15.3	15.5	9.6	1.7	-	1.6	-
Cape Fear TI	136,896	64.0	-	0.3	13.8	11.3	10.2	-	-	0.2	-
Carteret TC	128,454	43.4	-	0.3	6.9	5.7	16.8	0.2	-	13.1	13.6
Catawba Vy. TC	161,722	69.0	-	-	10.9	9.5	10.5	-	-	-	0.1
C. Carolina TC	101,735	73.0	-	-	11.6	8.9	5.2	1.2	-	-	-
C. Piedmont CC	425,165	64.7	-	0.7	13.5	9.2	7.8	1.9	-	-	2.3
Cleveland TC	118,846	65.1	-	-	15.9	7.8	7.4	3.0	-	-	0.8
Coastal Car. CC	147,036	68.8	-	0.1	13.5	9.6	5.5	2.5	-	-	-
Col. Albemarle	94,974	69.0	-	0.4	12.8	9.9	6.3	1.7	-	-	-
Craven CC	91,657	74.3	-	0.1	14.8	5.4	5.4	-	-	-	-
Davidson Co. CC	145,065	62.3	-	-	19.1	8.9	5.8	3.8	-	-	-
Durham TCC	137,242	69.8	-	0.8	6.7	8.4	10.1	3.7	-	-	0.5
Edgecombe TC	82,820	71.7	-	-	10.3	11.9	4.5	1.6	-	-	-
Fayettev'le TI	226,594	66.3	-	-	9.8	14.4	6.6	3.0	-	-	-
Forsyth TC	283,772	68.3	-	0.3	8.6	10.7	4.8	1.9	-	-	5.5
Gaston Col.	192,544	69.2	-	0.1	8.5	12.8	6.6	0.1-	-	0.1	2.7
Guilford TCC	380,982	64.5	-	2.4	10.3	10.3	10.9	1.2	-	0.3	0.1-
Halifax CC.	81,636	67.8	-	0.9	12.1	10.7	4.7	3.4	-	-	0.4
Haywood TC	179,771	72.3	-	0.2	8.1	4.5	2.7	3.4	-	8.7	0.1
Isothermal CC	142,366	76.0	-	0.3	9.4	8.3	4.8	1.2	-	-	-
J. Sprunt CC	77,713	70.3	-	-	7.9	10.1	6.8	4.9	-	-	-
Johnston TC	116,138	73.4	-	-	6.2	8.7	11.0	0.1-	-	-	0.7
Lenoir CC	150,212	69.3	-	0.1	12.7	8.6	8.9	0.5	-	-	-
Martin CC	110,951	62.8	-	0.3	14.6	13.0	5.0	4.0	-	0.4	-
Mayland TC	35,269	73.6	-	-	10.1	8.6	7.7	-	-	-	-
McDowell TC	51,167	72.4	-	-	11.4	6.2	7.9	2.1	-	-	-
Mitchell CC	132,277	60.3	-	-	12.6	15.5	7.3	0.9	-	0.3	3.1
Montgomery TC	43,103	68.2	-	-	12.4	10.6	8.7	-	-	-	-
Nash TC	89,147	68.5	-	-	5.1	4.9	7.3	0.9	-	1.6	11.7
Pamlico TC	28,725	58.2	-	0.8	18.4	9.2	9.3	4.0	-	-	-
Piedmont TC	84,176	51.4	-	16.9	11.6	7.7	7.7	4.1	-	-	0.6
Pitt CC	112,045	72.6	-	-	11.2	6.4	6.2	1.5	-	-	2.1
Randolph TC	134,128	63.1	-	-	14.1	12.1	9.8	0.8	-	-	-
Richmond TC	87,218	74.0	-	-	8.6	8.7	6.9	1.9	-	-	-
Roanoke-Cho. TC	66,696	62.8	-	-	9.8	10.3	10.0	7.1	-	-	-
Robeson TC	93,202	66.4	-	-	8.7	6.1	10.9	0.2	-	-	7.7
Rockingham CC	156,324	66.5	-	-	11.8	12.2	8.3	1.1	-	-	0.1
Rowan TC	146,324	67.3	-	-	13.4	8.9	6.0	4.4	-	-	-
Sampson TC	53,828	75.8	-	-	9.2	5.1	9.7	-	-	0.1	-
Sandhills CC	145,196	65.8	-	0.1	8.1	13.4	9.3	3.3	-	-	-
Southeastern CC	123,180	61.4	-	0.3	17.7	13.0	6.6	1.0	-	-	-
Southwestern TC	81,414	63.8	-	-	12.0	14.2	6.5	3.5	-	-	-
Stanly TC	56,567	64.9	-	0.8	9.0	14.0	8.0	0.3	-	-	2.8
Surry CC	123,257	67.2	-	0.6	10.7	13.8	5.0	2.7	-	-	-
TC Alamance	105,896	72.0	-	0.2	11.7	7.0	6.7	2.4	-	-	-
Tri-County CC	64,171	77.6	-	-	8.9	6.4	7.1	-	-	-	-
Vance-Granv. CC	95,005	61.6	-	0.3	11.7	7.6	17.9	1.0	-	-	-
Wake TC	186,483	62.9	-	-	7.6	11.3	13.3	4.7	-	-	0.3
Wayne CC	132,516	76.1	-	-	7.5	9.9	6.2	0.3	-	-	-
W. Piedmont CC	103,760	60.6	-	0.1	15.2	13.0	6.3	4.8	-	-	-
Wilkes CC	148,803	46.1	-	-	13.0	26.1	9.7	0.8	-	4.3	-
Wilson Co. TC	118,324	65.6	-	-	15.9	6.4	11.5	0.6	-	-	-
TOTAL	7,194,035	66.3	-	0.5	11.1	10.2	8.1	2.0	-	0.6	1.2

INSTRUCTION, RESEARCH, AND PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentage of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14a had no square footage assigned to them by institutions.

11 General Academic Instruction. This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academic nature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

12 Vocational/Technical Instruction. This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

13 Requisite Preparatory/Remedial Instruction. This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.

14 General Studies. This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).

15 Occupation-Related Instruction. This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.

16 Social Roles/Interaction Instruction. This subprogram includes those instructional offerings that are not carried out as a part of a certificate or degree program but that

are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

17 Home and Family Life Instruction. This category includes those instructional offerings that are not offered as part of a certificate or degree program but that are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.

18 Personal Interest and Leisure Instruction. This category includes those instructional activities that are not offered as part of a certificate or degree program but that are carried out to support an individual's recreational or avocational pursuits or to improve his or her day-to-day living skills.

21 Institutes and Research Centers. This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)

22 Individual or Project Research. This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.

31 Direct Patient Care. This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.

32 Health Care Supportive Services. This subprogram includes those activities that are unique to a teaching hospital, health-sciences center, or clinic and that directly support the provision of health care but that cannot themselves legitimately be considered part of the provision of direct patient care.

33 Community Services. This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.

34 Cooperative Extension Services. This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control are usually shared with one or more external agencies or governmental units.

35 Public Broadcasting Services. This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Major Research Universities:								
NC State	27.9	-	0.1-	-	0.1-	-	-	-
NC State Vet.	35.5	-	-	-	-	-	-	-
UNC-Chapel Hill	21.6	-	0.1-	0.1-	0.2	-	-	-
UNC-Health Aff.	29.8	-	0.1	0.3	0.3	-	-	-
SUBTOTAL	25.5	-	0.1-	0.1	0.1	-	-	-
Other Doctoral Universities:								
UNC-Greensboro	29.6	-	0.1	-	-	-	-	-
Comprehensive Universities:								
Appalachian	28.6	-	-	3.0	-	-	-	-
East Carolina	31.1	-	-	-	-	-	-	-
ECU-Health Aff.	70.9	-	-	-	-	-	-	-
Fayetteville	31.3	-	-	0.9	-	-	-	-
NC A & T	37.4	-	0.1-	0.1	-	-	-	-
NC Central	34.8	-	1.0	-	-	-	-	-
UNC-Charlotte	36.3	-	-	-	-	-	-	-
UNC-Wilmington	27.5	-	-	-	0.3	-	-	-
West'n Carolina	27.6	-	0.1	0.1	0.1	0.1	-	-
SUBTOTAL	33.3	-	0.1	0.6	0.1-	0.1-	-	-
Gen. Baccalaureate Universities:								
Elizabeth City	28.7	-	0.5	-	-	-	-	-
Pembroke	39.6	-	0.3	-	-	-	-	-
UNC-Asheville	31.3	-	0.2	-	-	-	-	-
Winston-Salem	30.7	-	0.6	-	-	-	-	-
SUBTOTAL	32.3	-	0.4	-	-	-	-	-

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad Svc.	INSTITUTION
21	22	31	32	33	34	35	
							Major Research Universities:
-	17.9	-	-	1.8	2.1	-	NC State
-	26.5	9.1	13.0	-	-	-	NC State Vet.
0.4	5.1	-	-	1.0	-	0.2	UNC-Chapel Hill
2.0	37.9	2.5	2.9	0.4	-	-	UNC-Health Aff.
0.4	14.8	0.5	0.6	1.2	0.8	0.1	SUBTOTAL
							Other Doctoral Universities:
-	1.8	-	-	-	0.1-	-	UNC-Greensboro
							Comprehensive Universities:
-	0.3	-	-	0.5	-	-	Appalachian
-	1.6	-	-	0.5	-	-	East Carolina
-	2.5	2.2	3.3	1.7	-	-	ECU-Health Aff.
-	0.2	-	-	0.4	-	0.1-	Fayetteville
0.2	3.3	-	-	0.2	0.1	-	NC A & T
0.1-	0.1	-	-	0.1	-	-	NC Central
0.3	1.7	-	-	-	-	-	UNC-Charlotte
1.5	0.7	-	-	-	-	-	UNC-Wilmington
-	0.5	-	-	0.1	-	-	West'n Carolina
0.2	1.2	0.1	0.1	0.3	0.1-	0.1-	SUBTOTAL
							Gen. Baccalaureate Universities:
-	-	-	-	3.1	-	0.3	Elizabeth City
-	0.1	-	-	0.2	-	-	Pembroke
0.1	0.3	-	-	1.9	-	-	UNC-Asheville
-	0.4	-	-	0.1	-	-	Winston-Salem
0.1-	0.2	-	-	1.3	-	0.1	SUBTOTAL

Instruction, Research & Public Service Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Specialized Institution:								
NC Sch. of Arts	52.9	-	-	-	-	-	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Technical and Community Colleges:								
SUBTOTAL	7.7	53.0	0.7	2.1	2.0	0.1	0.2	0.5
			PRIVATE INSTITUTIONS					
Major Research Universities:								
SUBTOTAL	16.7	0.1-	0.1-	0.1-	0.1	-	-	0.1-
Gen. Baccalaureate Colleges:								
SUBTOTAL	26.6	0.1-	0.1	0.1-	0.1	0.1-	-	-
Junior Colleges:								
SUBTOTAL	26.9	-	0.1	-	-	-	-	-
GRAND TOTAL	23.9	7.5	0.2	0.4	0.3	0.1-	0.1-	0.1

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu-nity Svc.	Coop. Exten. Svc.	Public Broad Svc.	INSTITUTION
21	22	31	32	33	34	34	
							Specialized Institution:
-	-	-	-	0.4	-	-	NC Sch. of Arts
							Teaching Hospital:
-	0.1-	27.7	60.9	-	-	-	NC Mem. Hosp.
							Technical and Community Colleges:
-	-	-	-	0.5	0.1-	0.1-	SUBTOTAL
			PRIVATE INSTITUTIONS				
							Major Research Universities:
-	12.0	4.4	9.5	0.1-	-	0.1-	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	0.1	-	-	0.1	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.1-	-	-	SUBTOTAL
0.1	4.8	1.1	2.2	0.4	0.2	0.1-	GRAND TOTAL

Instruction, Research & Public Service
Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech Instr. 12	Prep Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Technical and Community Colleges:									
Anson TC	-	47.6	0.2	3.0	2.8	-	-	-	-
Ashev'le-Bun. TC	-	72.2	0.1	0.7	1.3	-	-	-	-
Beaufort Co. CC	0.8	58.9	-	1.3	-	-	-	-	-
Bladen TC	-	47.5	-	1.6	1.5	5.1	0.9	-	-
Blue Ridge TC	-	63.1	-	0.9	8.5	-	-	-	0.5
Brunswick TC	-	76.3	-	-	0.3	-	3.1	-	0.2
Caldwell CC & TI	11.7	42.7	1.8	-	-	-	-	-	0.1
Cape Fear TI	0.6	61.2	-	2.2	0.1	-	-	-	0.3
Carteret TC	-	39.5	0.1	1.4	0.3	-	-	2.0	0.3
Catawba Vy. TC	-	65.5	0.6	0.7	-	-	-	2.2	-
C. Carolina TC	-	65.6	-	2.7	4.8	-	-	-	-
C. Piedmont CC	15.7	45.3	2.3	0.5	0.4	0.4	-	-	0.7
Cleveland TC	-	59.7	-	0.7	4.7	-	-	-	-
Coastal Car. CC	16.9	42.6	0.1	1.6	7.1	-	0.5	-	0.1
Col. Albemarle	17.1	44.8	0.7	5.8	0.4	-	-	-	0.4
Craven CC**	5.1	61.8	0.4	7.0	-	-	-	-	-
Davidson Co. CC	19.1	41.1	0.1	1.4	-	-	0.5	-	-
Durham TCC	-	64.5	1.1	0.6	3.6	-	-	-	0.8
Edgecombe TC	-	67.9	-	3.7	-	-	-	-	-
Fayettev'le TI	0.1	65.6	-	0.6	-	-	-	-	-
Forsyth TC	-	53.8	1.1	6.6	1.8	-	0.4	4.6	0.3
Gaston Col.	19.0	48.5	0.6	0.7	0.2	0.3	-	-	0.1
Guilford TCC*	2.2	46.2	1.8	5.7	6.5	0.2	-	1.9	2.3
Halifax CC	15.5	46.0	2.6	0.3	1.0	-	-	2.4	0.9
Haywood TC	-	58.4	-	0.6	11.5	-	-	1.8	0.2
Isothermal CC**	34.1	32.2	1.7	3.4	2.6	-	0.7	1.2	-
J. Sprunt CC	-	68.1	0.3	2.0	-	-	-	-	-
Johnston TC	-	67.2	-	6.2	-	-	-	-	-
Lenoir CC*	26.7	40.0	-	1.6	0.1	-	0.9	-	-
Martin CC*	9.6	50.2	-	0.6	-	-	2.5	-	-

*34 (Coop. Exten. Svc.): Guilford TCC - 0.1-, Lenoir CC - 0.1, Martin CC - 0.3, Subtotal - 0.1-

Instruction, Research & Public Service
Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Technical and Community Colleges:									
Mayland TC	-	71.5	-	2.1	-	-	-	-	-
McDowell TC	-	67.2	1.3	1.0	2.9	-	-	-	-
Mitchell CC	25.3	27.4	0.1	6.5	1.1	-	-	-	-
Montgomery TC	-	68.2	-	-	-	-	-	-	-
Nash TC	-	55.3	0.9	0.1	9.7	0.7	0.8	1.0	-
Pamlico TC	-	58.2	-	-	-	-	-	-	0.8
Piedmont TC	-	47.6	0.6	1.6	0.6	-	1.1	-	16.9
Pitt CC	3.9	66.7	0.5	1.4	-	-	-	-	-
Randolph TC	-	60.4	-	0.3	2.4	-	-	-	-
Richmond TC	-	68.7	1.3	3.0	1.0	-	-	-	-
Roanoke-Cho. TC	-	57.9	-	4.9	-	-	-	-	-
Robeson TC	-	65.0	-	1.3	-	-	-	-	-
Rockingham CC	36.1	29.4	-	0.9	0.1	-	-	-	-
Rowan TC	-	64.7	-	-	2.6	-	-	-	-
Sampson TC	-	64.1	-	11.6	-	-	-	-	-
Sandhills CC	24.8	38.5	1.1	0.8	0.6	-	0.1	-	0.1
Southeastern CC	15.7	43.2	1.8	0.7	-	-	-	-	0.3
Southwestern TC	-	63.1	-	-	-	-	-	0.6	-
Stanly TC**	-	63.5	-	-	1.4	-	-	-	0.4
Surry CC	21.2	42.6	1.1	0.1	2.1	-	-	-	0.6
TC Alamance	-	59.3	-	2.3	10.3	-	-	-	0.2
Tri-County CC	4.3	65.8	-	6.1	-	-	1.2	0.2	-
Vance-Granv. CC	3.6	51.5	0.8	3.6	2.1	-	-	-	0.3
Wake TC	-	57.6	0.3	2.8	2.2	-	-	-	-
Wayne CC	11.5	62.0	1.2	1.5	-	-	-	-	-
W. Piedmont CC	22.3	33.7	-	3.4	1.3	-	-	-	0.1
Wilkes CC	13.7	31.8	-	0.6	-	-	-	-	-
Wilson Co. TC	-	56.8	4.1	0.2	3.8	-	0.7	-	-
TOTAL	7.7	53.0	0.7	2.1	2.0	0.1	0.2	0.5	0.5

**35 (Public Broad. Svc.): Craven CC - 0.1, Isothermal CC - 0.3, Stanly TC - 0.4, Subtotal - 0.1-

ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentage of institutional square footage under each of the Academic Support Subprograms.

The definition of these subprograms follow. Subprograms which are described but which are not included in Table 14b had no square footage assigned to them by institutions.

41 Library Services. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

42 Museums and Galleries. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

43 Educational Media Services. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.

44 Academic Computing Support. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.

45 Ancillary Support. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.

46 Academic Administration. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not in-

clude the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

47 Course and Curriculum Development. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.

48 Academic Personnel Development. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Academic Support
Subprograms

Table 14b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Major Research Universities:								
NC State	4.3	-	0.2	0.7	0.1-	2.1	-	-
NC State Vet.	5.4	-	1.0	-	-	3.9	-	-
UNC-Chapel Hill	11.1	0.6	0.1	0.3	0.1	2.5	-	0.1-
UNC-Health Aff.	5.4	-	0.4	0.1-	0.1	10.4	0.1	0.1-
SUBTOTAL	7.5	0.3	0.2	0.4	0.1	3.3	0.1-	0.1-
Other Doctoral Universities:								
UNC-Greensboro	8.2	0.9	1.0	0.7	1.2	0.4	-	-
Comprehensive Universities:								
Appalachian	6.2	1.2	0.5	0.2	0.5	1.9	0.1	0.1
East Carolina	6.3	0.4	0.1	0.1-	2.4	1.5	-	-
ECU-Health Aff.	11.4	-	0.4	-	0.5	3.0	-	-
Fayetteville	4.3	0.4	0.9	0.1	1.1	1.6	-	-
NC A & T	3.8	0.7	0.2	0.3	4.9	2.9	-	-
NC Central	9.0	0.4	0.5	0.5	0.3	2.3	-	-
UNC-Charlotte	5.8	0.1	0.6	-	-	2.6	-	-
UNC-Wilmington	6.6	-	-	0.1	-	2.2	-	0.1
West'n Carolina	7.9	0.7	0.4	0.2	4.1	1.4	-	-
SUBTOTAL	6.5	0.5	0.4	0.2	1.8	2.1	0.1-	0.1-
Gen. Baccalaureate Universities:								
Elizabeth City	6.4	0.1	0.1	0.4	0.9	0.2	-	-
Pembroke	5.4	1.5	0.9	0.2	-	1.2	-	-
UNC-Asheville	11.3	0.7	0.5	0.6	-	0.4	-	-
Winston-Salem	4.6	0.7	0.3	0.5	0.3	1.5	-	-
SUBTOTAL	6.5	0.7	0.4	0.4	0.4	0.9	-	-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svc.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Specialized Institution:								
NC Sch. of Arts	5.6	0.7	0.1	0.1	-	0.7	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Technical and Community Colleges:								
SUBTOTAL	7.9	0.1	1.0	0.1	0.6	1.4	0.1-	0.1-
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	8.3	0.4	0.2	0.3	0.1	2.6	-	0.1
Gen. Baccalaureate Colleges:								
SUBTOTAL	6.3	0.4	0.3	0.1	0.3	0.4	-	0.1-
Junior Colleges:								
SUBTOTAL	5.9	0.4	-	0.1	-	0.4	-	-
GRAND TOTAL	7.0	0.4	0.4	0.2	0.6	1.8	0.1-	0.1-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Technical and Community Colleges:								
Anson TC	14.2	-	0.5	-	-	4.3	-	-
Ashev'le-Bun. TC	3.9	-	0.4	-	-	1.5	-	-
Beaufort Co. CC	8.9	-	0.9	-	-	1.7	-	-
Bladen TC	7.8	-	0.5	-	-	1.1	-	-
Blue Ridge TC	5.4	-	1.0	-	-	1.0	-	-
Brunswick TC	1.6	-	-	-	-	1.8	-	-
Caldwell CC & TI	9.5	-	1.7	-	-	4.1	-	-
Cape Fear TI	10.4	-	2.6	-	-	0.9	-	-
Carteret TC	4.8	-	1.0	-	-	1.0	0.1	-
Catawba Vy. TC	7.3	0.3	1.1	-	-	2.1	-	-
C. Carolina TC	9.1	-	1.1	-	-	1.4	-	-
C. Piedmont CC	9.6	-	1.9	-	1.6	0.4	-	-
Cleveland TC	11.6	0.4	1.6	-	-	2.2	-	-
Coastal Car. CC	11.7	0.4	0.7	-	-	0.7	-	-
Col. Albemarle	9.6	0.8	0.7	-	-	1.7	-	-
Craven CC	11.6	-	1.8	-	-	1.4	-	-
Davidson Co. CC	12.3	-	2.0	0.3	2.5	2.0	-	-
Durham TCC	2.9	-	2.0	-	-	1.8	-	0.1
Edgecombe TC	6.9	-	1.0	0.3	-	1.9	0.1	-
Fayettev'le TI	5.1	-	2.0	-	-	2.7	-	-
Forsyth TC	5.7	-	0.6	0.3	-	2.0	-	-
Gaston Col.	4.9	0.3	0.3	0.4	1.6	1.0	-	-
Guilford TCC	8.4	-	0.6	-	-	1.2	0.1	-
Halifax CC	10.4	-	-	-	-	1.7	-	-
Haywood TC	4.2	0.2	0.9	-	2.2	0.6	-	-
Isothermal CC	5.9	-	0.7	-	2.0	0.9	-	-
J. Sprunt CC	6.4	-	0.2	-	-	1.0	-	0.3
Johnston TC	3.7	-	0.7	-	-	1.7	-	-
Lenoir CC	11.3	-	-	-	-	1.4	-	-
Martin CC	12.9	-	-	-	-	1.7	-	-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Technical and Community Colleges:								
Mayland TC	9.1	-	-	-	-	1.0	-	-
McDowell TC	10.0	1.2	-	-	-	0.2	-	-
Mitchell CC	8.8	0.9	0.9	-	-	1.9	-	-
Montgomery TC	7.5	-	-	-	4.4	0.6	-	-
Nash TC	4.4	-	-	-	-	0.7	-	-
Pamlico TC	14.9	-	2.0	-	-	1.5	-	-
Piedmont TC	8.4	-	0.6	0.1	1.2	1.2	-	-
Pitt CC	5.6	0.2	0.4	-	4.1	0.9	-	-
Randolph TC	11.3	-	1.8	-	-	1.0	-	-
Richmond TC	7.9	-	0.4	-	-	0.2	-	-
Roanoke-Cho. TC	9.3	-	-	-	-	0.5	-	-
Robeson TC	6.0	-	0.5	-	-	2.2	-	-
Rockingham CC	9.3	0.8	0.6	-	-	1.0	-	-
Rowan TC	10.8	-	0.8	-	-	1.7	-	-
Sampson TC	6.4	-	-	-	-	2.8	-	-
Sandhills CC	6.1	-	1.0	-	-	1.1	-	-
Southeastern CC	16.3	-	0.8	0.2	-	0.4	-	-
Southwestern TC	10.0	-	0.2	-	-	1.8	-	-
Stanly TC	7.3	-	-	-	-	1.7	-	-
Surry CC	9.3	-	1.1	-	-	0.3	-	-
TC Alamance	6.6	-	0.8	-	3.4	0.8	-	-
Tri-County CC	8.4	-	-	-	-	0.5	-	-
Vance-Granv. CC	7.3	-	-	0.3	2.9	1.2	-	-
Wake TC	4.3	-	1.8	0.4	-	1.1	-	-
Wayne CC	5.1	-	1.2	-	-	1.2	-	-
W. Piedmont CC	9.0	-	2.7	-	-	3.6	-	-
Wilkes CC	7.1	1.4	1.2	-	2.2	1.1	-	-
Wilson Co. TC	6.1	-	1.9	-	5.6	2.3	-	-
TOTAL	7.9	0.1	1.0	0.1	0.6	1.4	0.1-	0.1-

STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

Table 14c indicates the percentage of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14c had no square footage assigned to them by institutions.

51 Student Service Administration. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.

52 Social and Cultural Development. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.

53 Counseling and Career Guidance. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.

54 Financial Aid Administration. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.

55 Student Auxiliary Services. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

56 Intercollegiate Athletics. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.

57 Student Health/Medical Services. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and

medical services provided for the institution's faculty and staff are also included in this subprogram.

71 Physical Plant Administration. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.

72 Building Maintenance. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.

73 Custodial Services. This subprogram consists of those activities related to custodial services in institutional buildings.

74 Utilities. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.

75 Landscape and Ground Maintenance. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.

76 Major Repairs and Renovations. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are defined as those costing in excess of $10,000.

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Coun/ Career Guid. 53	Finan. Aid. Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Major Research Universities:												
NC State	0.1	3.0	0.2	0.1	29.2	3.6	0.3	0.4	0.9	0.1-	0.5	0.1
NC State Vet.	-	0.1	-	-	3.3	-	-	-	0.3	0.2	-	-
UNC-Chapel Hill	0.1	2.3	0.2	0.1	29.6	7.2	0.7	0.2	0.8	0.2	0.6	0.2
UNC-Health Aff.	0.1	0.1-	0.1-	0.1-	0.4	-	-	-	-	0.3	-	-
SUBTOTAL	0.1	2.3	0.2	0.1	25.3	4.7	0.5	0.3	0.7	0.1	0.5	0.1
Other Doctoral Universities:												
UNC-Greensboro	0.3	4.8	0.4	0.2	38.6	-	0.9	0.8	0.4	-	0.1	-
Comprehensive Universities:												
Appalachian	0.3	6.5	0.3	0.1	39.0	1.3	0.8	1.8	0.8	0.1-	0.5	-
East Carolina	0.1	5.8	0.3	0.1	42.1	1.3	-	0.3	1.0	0.1	-	-
ECU-Health Aff.	-	-	-	-	-	-	2.5	0.1-	1.5	-	-	-
Fayetteville	0.1	6.7	0.3	0.1	34.9	1.1	0.8	0.1	2.7	-	-	0.7
NC A & T	0.3	4.3	0.8	0.2	30.6	1.2	0.4	0.3	1.0	0.1-	0.1	0.1-
NC Central	0.1	5.6	0.5	0.2	30.9	3.6	0.3	0.1	0.5	0.1-	-	0.1
UNC-Charlotte	0.1	4.5	0.4	0.1	40.6	0.3	0.6	0.2	0.8	0.1	-	-
UNC-Wilmington	0.6	5.6	0.5	0.4	35.4	7.0	0.2	0.5	1.2	-	0.2	-
West'n Carolina	0.1	6.5	0.3	0.1	35.6	2.9	0.4	0.4	0.8	0.3	0.1-	-
SUBTOTAL	0.2	5.5	0.4	0.1	35.5	1.9	0.5	0.5	1.0	0.1	0.1	0.1-
Gen. Baccalaureate Universities:												
Elizabeth City	0.1	4.4	0.2	-	36.1	1.9	1.0	0.8	0.5	-	-	-
Pembroke	0.1	9.6	0.3	0.2	28.7	0.2	0.7	0.6	0.8	0.1-	-	0.2
UNC-Asheville	0.2	3.1	0.6	0.2	28.2	2.0	0.3	0.3	1.4	-	0.4	0.3
Winston-Salem	0.3	4.4	0.1	0.2	30.5	2.0	0.5	0.2	1.3	-	0.2	-
SUBTOTAL	0.2	5.4	0.3	0.1	31.1	1.6	0.6	0.5	1.0	0.1-	0.2	0.1
Specialized Institution:												
NC Sch. of Arts	0.1	5.6	0.1	-	25.5	-	0.7	0.2	0.7	-	-	-
Teaching Hospital:												
NC Mem. Hosp.	-	-	-	-	-	-	-	0.6	1.4	-	0.1	-
Technical and Community Colleges:												
SUBTOTAL	0.4	3.8	0.9	0.2	4.9	0.1-	0.1-	0.1	1.7	0.1-	0.1-	0.2
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.1	3.7	0.1	0.1	26.3	3.2	0.1	0.4	1.1	0.2	0.4	0.1
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.2	8.2	0.3	0.1	38.9	2.0	0.6	0.2	1.5	0.1	0.1-	0.1-
Junior Colleges:												
SUBTOTAL	0.3	7.0	0.1	0.1	40.8	1.4	0.7	0.5	1.5	0.1	0.1-	0.1-
GRAND TOTAL	0.2	4.9	0.3	0.1	28.2	2.2	0.4	0.3	1.1	0.1	0.2	0.1

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Coun/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Technical and Community Colleges:												
Anson TC	0.4	5.7	-	0.2	5.6	-	-	-	5.4	-	-	-
Ashev'le-Bun. TC	0.1	1.1	0.3	0.1	2.9	-	-	0.4	0.8	0.2	-	0.4
Beaufort Co. CC	0.4	7.7	0.9	0.3	3.8	-	-	-	4.3	-	-	-
Bladen TC	0.9	17.7	0.4	-	1.9	-	-	-	4.3	-	-	-
Blue Ridge TC	0.2	5.0	0.6	0.1	0.6	-	-	-	7.0	-	-	2.1
Brunswick TC	0.7	-	0.1	0.2	2.4	-	-	-	0.4	-	-	-
Caldwell CC & TI	0.1	8.8	1.1	0.1	5.4	-	-	0.1	1.5	-	-	0.1
Cape Fear TI	1.0	3.7	1.5	0.2	5.0	-	-	-	-	-	-	-
Carteret TC	0.7	1.8	0.1	0.1	3.0	-	-	-	0.2	-	-	-
Catawba Vy. TC	0.2	4.3	1.9	0.1	3.1	-	-	-	-	-	-	-
C. Carolina TC	0.3	0.7	0.9	0.2	6.8	-	0.1-	1.2	-	-	-	-
C. Piedmont CC	0.5	2.0	1.5	0.4	4.9	-	-	0.4	1.4	0.1-	-	0.1-
Cleveland TC	1.0	4.0	0.1	0.1	2.6	-	-	0.1	2.1	-	-	0.8
Coastal Car. CC	-	2.5	0.9	0.1	6.2	-	-	-	2.5	-	-	-
Col. Albemarle	1.4	5.9	0.5	0.3	1.8	-	-	-	1.7	-	-	-
Craven CC	0.2	0.1	1.1	0.2	3.8	-	-	-	-	-	-	-
Davidson Co. CC	0.2	2.5	1.2	0.1	4.9	-	0.1	0.1	3.7	-	-	-
Durham TCC	0.1	0.8	1.2	-	6.3	-	-	-	2.9	0.1	-	0.8
Edgecombe TC	0.6	6.4	0.6	0.2	4.1	-	-	-	1.6	-	-	-
Fayettev'le TI	0.6	6.9	1.4	-	5.4	-	0.1	-	2.5	0.5	-	-
Forsyth TC	-	2.5	0.7	0.1	7.4	-	-	0.2	1.8	-	-	-
Gaston Col.	0.3	6.5	0.6	0.2	5.1	-	0.1	-	0.1-	-	-	-
Guilford TCC	0.2	4.8	0.7	0.1	4.6	-	0.1-	-	1.2	0.1-	-	-
Halifax CC.	0.2	6.0	2.1	0.2	2.2	-	-	0.2	3.3	-	-	-
Haywood TC	0.1	0.4	-	0.1-	4.0	-	-	0.1-	0.7	0.1-	-	2.7
Isothermal CC	0.4	3.5	0.4	-	4.0	-	-	0.1	1.0	0.1	-	-
J. Sprunt CC	0.9	3.6	0.9	0.3	4.5	-	-	-	4.9	-	-	-
Johnston TC	0.5	1.1	0.5	0.1	6.5	-	-	-	-	0.1-	-	-
Lenoir CC	0.1	2.3	0.3	0.3	4.1	1.5	-	-	0.3	-	-	0.2
Martin CC	0.4	7.0	0.5	0.1	4.9	-	-	0.8	3.1	-	-	-
Mayland TC	0.3	0.3	0.5	0.3	7.3	-	-	-	-	-	-	-
McDowell TC	0.4	-	0.8	0.2	4.9	-	-	-	0.7	-	-	1.4
Mitchell CC	0.2	7.7	2.3	0.2	4.9	-	-	-	0.9	-	-	-
Montgomery TC	0.3	4.1	0.7	0.2	5.3	-	-	-	-	-	-	-
Nash TC	0.3	0.3	1.5	0.1	2.6	-	-	0.2	0.6	0.1	-	-
Pamlico TC	1.1	-	1.1	-	7.0	-	-	-	4.0	-	-	-
Piedmont TC	1.3	0.3	-	-	6.1	-	-	-	4.1	-	-	-
Pitt CC	1.3	-	0.6	0.6	4.0	-	-	-	0.9	0.6	-	-
Randolph TC	1.0	2.6	1.8	0.1	6.6	-	-	-	0.8	-	-	-
Richmond TC	0.2	0.2	0.2	0.1	7.8	-	0.1	-	1.9	-	-	-
Roanoke-Cho. TC	0.4	3.0	0.8	0.1	6.0	-	-	-	0.8	-	-	6.3
Robeson TC	0.1	3.4	0.4	0.1	2.0	-	-	-	0.2	-	-	-
Rockingham CC	0.6	6.9	0.4	0.2	4.2	-	-	0.1	0.7	-	-	0.3
Rowan TC	0.5	-	0.1	0.1	8.2	-	-	-	4.4	-	-	-
Sampson TC	0.3	-	0.4	0.1	4.3	-	-	-	-	-	-	-
Sandhills CC	0.1	1.4	0.7	0.2	10.9	-	-	-	3.0	0.2	0.1	-
Southeastern CC	0.6	3.8	1.9	0.7	6.0	-	-	0.4	0.6	-	-	-
Southwestern TC	1.0	6.3	0.4	0.4	6.1	-	-	-	3.5	-	-	-
Stanly TC	0.2	10.2	1.7	0.2	1.7	-	-	0.2	0.1	-	-	-
Surry CC	0.1	3.3	1.9	0.1	8.3	-	-	0.1	2.6	-	-	-
TC Alamance	0.4	0.2	0.2	0.4	5.8	-	-	0.5	1.9	-	-	-
Tri-County CC	0.3	2.7	0.1	0.1	3.2	-	-	-	-	-	-	-
Vance-Granv. CC	0.2	0.1	1.6	0.3	5.5	-	-	-	1.0	-	-	-
Wake TC	0.5	3.0	2.2	0.1-	5.4	-	0.2	0.1	4.3	-	-	0.3
Wayne CC	1.5	2.4	1.3	0.1	4.1	-	0.4	-	0.3	-	-	-
W. Piedmont CC	1.0	5.1	0.7	0.1	6.1	-	0.1	0.2	3.3	-	-	1.3
Wilkes CC	0.1	22.1	0.7	0.1	3.1	-	-	0.1	0.5	0.2	-	-
Wilson Co. TC	0.4	1.8	0.7	0.1	3.2	-	0.2	0.1	0.6	-	-	-
TOTAL	0.4	3.8	0.9	0.2	4.9	0.1-	0.1-	0.1	1.7	0.1-	0.1-	0.2

INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

Table 14d indicates the percentage of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

61 Executive Management. This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.

62 Financial Management and Operations. This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.

63 General Administration and Logistical Services. This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.

64 Administrative Computing Support. This subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.

65 Faculty and Staff Auxiliary Services. This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

66 Public Relations/Development. This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.

67 Student Recruitment and Admissions. This subprogram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

68 Student Records. This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.

91 Independent Operations/Institutional. This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.

92 Independent Operations/External Agencies. This subprogram includes thos activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.

01 Capable of Use. This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.

02 Incapable of Use. This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms under alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

Institutional Administration,
Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns Inst.	Indep. Opns Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Major Research Universities:												
NC State	0.1	0.8	2.1	0.2	0.2	0.2	0.1	0.1	0.3	0.3	0.1-	0.1-
NC State Vet.	-	-	1.7	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.3	0.6	3.3	0.3	0.6	0.4	0.1	0.2	2.8	1.4	0.3	4.2
UNC-Health Aff.	-	-	0.2	0.2	0.1	0.1-	0.1	0.1-	1.2	2.7	1.8	0.4
SUBTOTAL	0.2	0.6	2.4	0.3	0.4	0.3	0.1	0.1	1.5	1.1	0.4	2.0
Other Doctoral Universities:												
UNC-Greensboro	0.7	0.4	2.7	0.3	0.4	0.8	0.2	-	-	-	0.1	3.9
Comprehensive Universities:												
Appalachian	0.5	0.4	2.2	0.6	0.5	0.3	0.1	0.2	-	0.1	0.1	0.8
East Carolina	0.3	0.2	2.0	0.5	0.3	0.6	0.1	0.2	-	-	0.5	0.1-
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	1.6	1.3	3.7	-	2.4	0.3	0.2	0.3	0.1-	0.3	1.1	-
NC A & T	1.2	1.1	1.2	0.1	1.3	0.3	0.1	0.1	-	0.6	0.7	-
NC Central	0.8	0.5	2.3	0.7	2.2	0.3	0.2	0.1	-	0.1	1.4	0.3
UNC-Charlotte	0.9	0.6	1.9	0.4	0.4	0.2	0.4	0.1	-	-	-	-
UNC-Wilmington	1.1	1.1	2.9	0.5	1.2	0.3	0.4	0.3	-	0.3	0.1	1.1
West'n Carolina	0.7	0.4	1.2	0.3	3.6	0.7	0.2	0.2	-	1.3	0.1-	1.1
SUBTOTAL	0.7	0.6	1.9	0.4	1.3	0.4	0.2	0.2	0.1-	0.3	0.4	0.4
Gen. Baccalaureate Universities:												
Elizabeth City	0.8	0.5	2.8	0.3	4.3	0.3	0.2	-	-	-	0.2	4.8
Pembroke	1.3	0.5	2.9	0.4	1.4	0.4	0.5	0.1	-	-	1.7	0.1
UNC-Asheville	0.9	0.4	2.9	0.3	2.0	0.5	0.3	0.6	-	0.7	-	7.3
Winston-Salem	0.3	0.1-	1.6	-	1.1	0.5	0.3	0.3	-	0.1	13.3	2.9
SUBTOTAL	0.8	0.4	2.4	0.2	2.2	0.4	0.3	0.2	-	0.2	4.6	3.6
Specialized Institution:												
NC Sch. of Arts	0.7	0.3	1.4	0.1	2.9	0.6	0.3	0.2	-	-	-	-
Teaching Hospital:												
NC Mem. Hosp.	0.7	0.2	0.2	0.3	-	-	-	-	-	2.1	4.3	1.6
Technical and Community Colleges:												
SUBTOTAL	1.4	1.1	3.7	0.3	0.5	0.2	0.3	0.6	0.1	0.5	0.6	0.6
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	0.3	0.3	3.0	0.3	1.4	0.6	0.2	0.1-	1.1	1.9	0.2	0.1-
Gen. Baccalaureate Colleges:												
SUBTOTAL	0.7	0.5	2.1	0.2	6.1	0.7	0.4	0.2	0.3	0.5	0.6	0.8
Junior Colleges:												
SUBTOTAL	0.6	0.4	2.3	0.1-	8.1	0.8	0.4	0.2	-	-	0.6	0.1
GRAND TOTAL	0.7	0.6	2.5	0.3	2.2	0.5	0.2	0.2	0.5	0.8	0.6	1.0

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Technical and Community Colleges:												
Anson TC	2.4	1.4	3.6	0.3	-	-	-	-	-	-	2.7	-
Ashev'le-Bun. TC	1.7	1.1	9.1	0.2	0.3	-	0.2	0.4	-	-	0.1	0.7
Beaufort Co. CC	1.9	1.0	3.7	-	0.4	0.1	0.2	0.9	-	-	-	1.8
Bladen TC	2.2	1.1	3.2	0.4	0.1	0.3	-	0.2	-	1.0	-	0.2
Blue Ridge TC	1.0	2.2	0.3	-	-	0.1	-	0.5	-	-	-	-
Brunswick TC	1.6	1.0	1.4	-	-	0.3	0.2	-	-	-	3.3	5.1
Caldwell CC & TI	1.0	1.2	5.3	0.3	-	0.3	1.2	0.3		1.6	-	-
Cape Fear TI	1.2	2.8	4.8	0.4	-	0.2	-	0.8	-	0.2	-	-
Carteret TC	0.9	0.7	14.5	0.3	0.2	-	-	0.2	-	13.1	-	13.6
Catawba Vy. TC	0.7	1.2	7.1	-	0.6	0.1	-	0.9	-	-	0.1	-
C. Carolina TC	1.7	1.3	0.9	-	0.2	-	-	1.1	-	-	-	-
C. Piedmont CC	1.0	0.9	2.3	0.5	0.8	0.3	0.1-	1.9	-	-	-	2.3
Cleveland TC	1.8	0.7	3.5	-	0.5	0.5	0.1	0.3	-	-	0.8	-
Coastal Car. CC	1.1	1.1	1.8	0.1	0.6	0.1	0.2	0.5	-	-	-	-
Col. Albemarle	1.5	1.1	2.4	0.3	0.1	0.2	0.3	0.3	-	-	-	-
Craven CC	1.2	1.4	1.6	-	0.3	0.5	-	0.4	-	-	-	-
Davidson Co. CC	1.4	0.6	1.0	0.3	1.5	0.3	0.2	0.5	-	-	-	-
Durham TCC	1.4	1.1	4.2	-	0.4	0.4	2.3	0.2	-	-	-	0.5
Edgecombe TC	2.2	0.9	0.9	-	0.1	-	-	0.3	-	-	-	-
Fayettev'le TI	1.2	1.6	2.5	0.6	0.1	0.3	0.1-	0.1	-	-	-	-
Forsyth TC	1.7	0.6	0.9	-	0.3	0.1	0.7	0.5	-	-	5.3	0.1
Gaston Col.	1.6	0.6	3.5	-	0.2	0.1	0.3	0.2	-	0.1	2.7	-
Guilford TCC	1.5	0.7	5.8	0.4	1.4	0.2	0.3	0.6	0.3	-	0.1-	-
Halifax CC.	0.3	0.5	2.7	0.3	0.6	-	0.1	0.2	-	-	0.4	-
Haywood TC	0.6	0.4	1.2	0.1	0.2	-	0.2	0.1	0.5	8.2	0.1	-
Isothermal CC	2.1	1.3	0.5	0.1	0.1	0.2	0.2	0.3	-	-	-	-
J. Sprunt CC	1.8	1.6	2.0	-	-	0.7	0.1	0.4	-	-	-	-
Johnston TC	0.8	0.7	7.9	0.3	1.0	-	0.1	0.2	-	-	0.7	-
Lenoir CC	0.7	1.5	5.1	-	0.5	-	0.5	0.5	-	-	-	-
Martin CC	0.9	0.9	1.2	1.3	0.3	-	-	0.4	-	0.4	-	-
Mayland TC	2.3	2.5	1.5	0.6	-	-	-	0.8	-	-	-	-
McDowell TC	1.9	1.6	3.8	-	0.1	0.2	-	0.2	-	-	-	-
Mitchell CC	0.6	0.7	3.1	-	1.0	0.7	0.2	1.0	-	0.3	3.1	-
Montgomery TC	2.7	1.8	3.4	-	-	-	0.2	0.6	-	-	-	-
Nash TC	1.7	1.0	3.1	0.4	0.5	0.1	-	0.7	-	1.6	-	11.7
Pamlico TC	2.7	3.3	3.1	-	-	-	-	0.3	-	-	-	-
Piedmont TC	3.1	1.3	1.8	0.2	0.2	0.5	-	0.7	-	-	0.6	-
Pitt CC	0.6	1.3	2.2	0.5	0.7	0.2	-	0.8	-	-	1.9	0.2
Randolph TC	1.7	0.9	5.0	0.2	0.8	0.2	-	1.0	-	-	-	-
Richmond TC	2.4	1.1	2.0	0.2	-	0.6	-	0.6	-	-	-	-
Roanoke-Cho. TC	2.1	1.7	5.2	0.2	0.2	0.2	-	0.4	-	-	-	-
Robeson TC	1.5	0.8	7.2	0.1	0.5	0.3	0.3	0.1	-	-	7.7	-
Rockingham CC	0.9	1.1	3.4	0.9	0.7	0.3	0.7	0.3	-	-	0.1	-
Rowan TC	1.2	0.8	1.9	1.2	0.6	-	0.2	0.2	-	-	-	-
Sampson TC	1.8	2.4	3.5	0.5	-	-	0.2	1.4	0.1	-	-	-
Sandhills CC	1.2	0.4	2.7	0.5	3.6	0.3	0.2	0.3	-	-	-	-
Southeastern CC	0.8	0.9	3.6	0.2	-	0.4	-	0.7	-	-	-	-
Southwestern TC	1.6	1.0	3.0	-	-	0.4	-	0.4	-	-	-	-
Stanly TC	2.5	1.7	1.3	0.3	-	0.7	0.6	0.9	-	-	2.8	-
Surry CC	0.7	1.0	2.0	0.4	0.6	0.1	0.1	0.1	-	-	-	-
TC Alamance	1.8	0.8	2.2	-	1.0	0.2	0.2	0.5	-	-	-	-
Tri-County CC	1.2	0.9	4.4	0.1	0.1	-	-	0.3	-	-	-	-
Vance-Granv. CC	1.7	1.2	11.3	-	-	1.0	2.1	0.6	-	-	-	-
Wake TC	2.3	0.8	6.7	0.4	1.4	0.3	0.4	1.0	-	-	0.3	-
Wayne CC	1.3	1.4	1.8	0.4	-	0.2	-	1.1	-	-	-	-
W. Piedmont CC	1.3	0.9	2.3	0.7	-	0.3	0.1	0.6	-	-	-	-
Wilkes CC	1.7	1.1	6.0	0.2	0.1	0.1	0.4	0.1	4.3	-	-	-
Wilson Co. TC	2.3	1.5	6.0	-	0.4	0.2	0.1-	1.0	-	-	-	-
TOTAL	1.4	1.1	3.7	0.3	0.5	0.2	0.3	0.6	0.1	0.5	0.6	0.6

TABLE 15:
ASSIGNABLE AREA BY ROOM CODES

Just as all assignable space can be categorized by program (Table 14), it can also be classified by type of room. A system of codes has been developed which includes virtually all types of rooms which can be found at a college or university. The room code system is summarized on page 118; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fourth edition).

Table 15 provides percentage distributions among the ten major room code divisions. In theory, the sum of the percentages should always equal 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions because they have almost no residential space. For these schools, the subtotal for "Community Colleges and Technical Institutes/Colleges" in Table 15 may serve as a norm.

Room Code	Norm	All N. C. Institutions 1986
Classroom (Series 100)	8.0	7.7
Laboratory (Series 200)	14.5	15.1
Office (Series 300)	13.0	15.6
Study (Series 400)	6.8	7.3
Special Use (Series 500)	8.9	9.0
General Use (Series 600)	12.0	12.6
Supporting (Series 700)	6.5	4.4
Health Care (Series 800)	1.4	2.6
Residential (Series 900)	26.7	24.1
Unclassified (Series 000)	2.2	1.5

ROOM CODES

100 Classroom Facilities
110 Classroom
115 Classroom Service

200 Laboratory Facilities
210 Class Laboratory
215 Class Laboratory Service
220 Special Class Laboratory
225 Special Class Laboratory Service
230 Individual Study Laboratory
235 Individual Study Laboratory Service
250 Nonclass Laboratory
255 Nonclass Laboratory Service

300 Office Facilities
310 Office
315 Office Service
350 Conference Room (Office Related)
355 Conference Room Service (Office Related)

400 Study Facilities
410 Reading/Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

500 Special Use Facilities
510 Armory
515 Armory Service
520 Athletic/Physical Education
523 Athletic Facilities Spectator Seating
525 Athletic/Physical Education Service
530 Audiovisual, Radio, TV
535 Audiovisual, Radio, TV Service
540 Clinic (Nonhealth Professions)
550 Demonstration
555 Demonstration Service
560 Field Building
570 Animal Quarters
575 Animal Quarters Service
580 Greenhouse
585 Greenhouse Service
590 Other

600 General Use Facilities
610 Assembly
615 Assembly Service
620 Exhibition
625 Exhibition Service
630 Food Facilities
635 Food Facilities Service
650 Lounge
655 Lounge Service
660 Merchandising Facilities
665 Merchandising Facilities Service
670 Recreation
675 Recreation Service
680 Meeting Room
685 Meeting Room Service
690 Locker Room

700 Supporting Facilities
710 Data Processing/Computer
715 Data Processing/Computer Service
720 Shop
725 Shop Service
730 Storage
735 Storage Service
740 Vehicle Storage Facility
745 Vehicle Storage Facility Service
750 Central Food Stores
760 Central Laundry

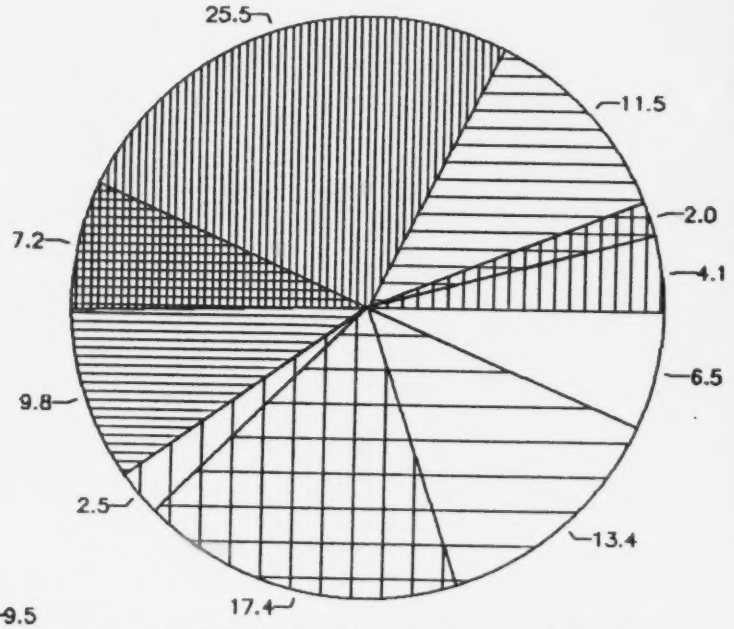
800 Health Care Facilities
810 Patient Bedroom
820 Patient Bath
830 Nurse Station
840 Surgery
850 Treatment
860 Service Laboratory
870 Supplies
880 Public Waiting
895 Health Care Service

900 Residential Facilities
910 Sleep/Study Without Toilet/Bath
919 Toilet/Bath
920 Sleep/Study with Toilet/Bath
935 Sleep/Study Service
950 Apartment
955 Apartment Service
970 House

000 Unclassified Facilities
050 Inactive Area
060 Alteration or Conversion Area
070 Unfinished Area

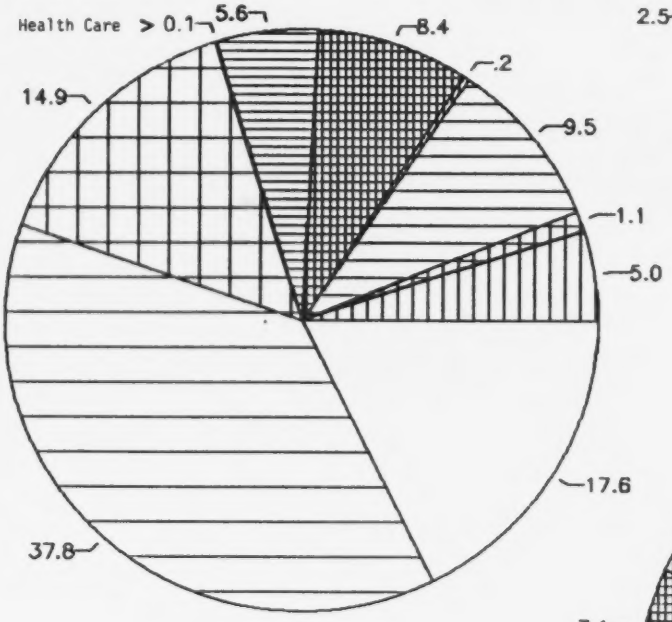
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES

SUPPORTING
UNCLASSIFIED
GENERAL USE
RESIDENTIAL
STUDY
SPECIAL USE
HEALTH CARE
OFFICE
LABORATORY
CLASSROOM

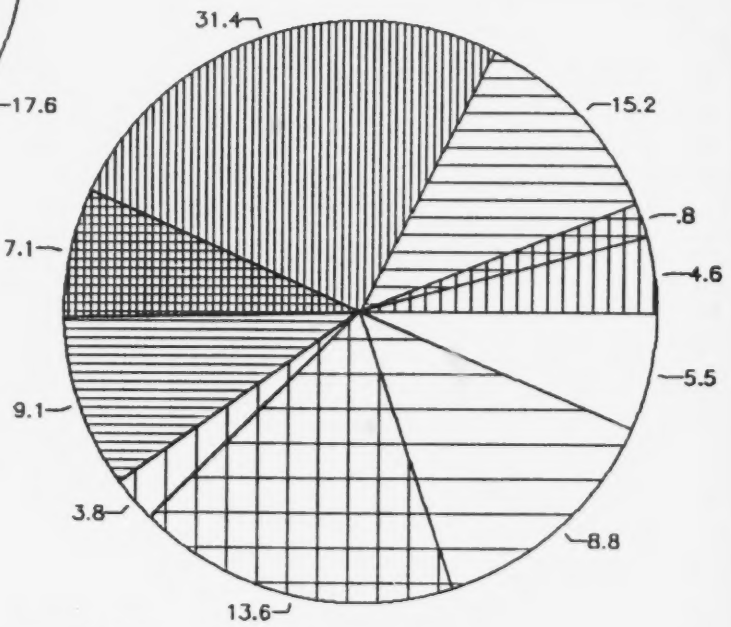


The University of North Carolina

ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS AND N.C. MEMORIAL HOSPITAL



Technical and Community Colleges



Private Institutions

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Major Research Universities:									
NC State	4,006,323	210,629	5.3	838,967	20.9	798,743	19.9	165,779	4.1
NC State Vet.	223,487	7,724	3.5	48,281	21.6	31,334	14.0	13,269	5.9
UNC-Chapel Hill	4,451,011	223,053	5.0	352,177	7.9	705,852	15.9	518,444	11.6
UNC-Health Aff.	1,210,175	55,560	4.6	414,420	34.2	441,009	36.4	66,855	5.5
SUBTOTAL	9,890,996	496,966	5.0	1,653,845	16.7	1,976,938	20.0	764,437	7.7
Other Doctoral Universities:									
UNC-Greensboro	1,673,897	132,175	7.9	159,549	9.5	287,665	17.2	144,390	8.6
Comprehensive Universities:									
Appalachian	1,827,005	141,676	7.8	130,310	7.1	271,585	14.9	107,345	5.9
East Carolina	1,893,980	144,893	7.7	244,912	12.9	254,932	13.5	129,018	6.8
ECU-Health Aff.	406,772	33,995	8.4	133,859	32.9	108,178	26.6	39,171	9.6
Fayetteville	497,024	39,331	7.9	56,290	11.3	72,427	14.6	29,934	6.0
NC A & T	1,350,767	120,248	8.9	207,777	15.4	219,411	16.2	59,782	4.4
NC Central	1,011,183	111,602	11.0	84,045	8.3	158,895	15.7	112,501	11.1
UNC-Charlotte	1,374,986	94,542	6.9	218,426	15.9	228,012	16.6	104,019	7.6
UNC-Wilmington	726,814	51,578	7.1	70,714	9.7	126,742	17.4	43,784	6.0
West'n Carolina	1,531,532	98,216	6.4	126,226	8.2	195,996	12.8	119,148	7.8
SUBTOTAL	10,620,063	836,081	7.9	1,272,559	12.0	1,636,178	15.4	744,702	7.0
Gen. Baccalaureate Universities:									
Elizabeth City	504,133	29,257	5.8	43,185	8.6	46,252	9.2	35,948	7.1
Pembroke	438,330	47,778	10.9	34,085	7.8	57,777	13.2	28,886	6.6
UNC-Asheville	354,064	23,640	6.7	38,273	10.8	49,847	14.1	41,694	11.8
Winston-Salem	584,851	61,341	10.5	45,207	7.7	65,141	11.1	27,551	4.7
SUBTOTAL	1,881,378	162,016	8.6	160,750	8.5	219,017	11.6	134,079	7.1
Specialized Institution:									
NC Sch. of Arts	323,937	13,018	4.0	105,986	32.7	42,290	13.1	18,631	5.8
Teaching Hospital:									
NC Mem. Hosp.	679,094	-	-	160	0.1-	192,185	28.3	4,181	0.6
Technical and Community Colleges:									
SUBTOTAL	7,194,035	1,266,825	17.6	2,718,000	37.8	1,072,408	14.9	601,521	8.4
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	6,891,410	230,134	3.3	813,915	11.8	1,395,774	20.3	564,477	8.2
Gen. Baccalaureate Colleges:									
SUBTOTAL	10,348,330	696,530	6.7	731,683	7.1	1,045,166	10.1	674,353	6.5
Junior Colleges:									
SUBTOTAL	1,555,149	113,093	7.3	115,277	7.4	120,038	7.7	90,859	5.8
GRAND TOTAL	51,058,289	3,946,838	7.7	7,731,724	15.1	7,987,659	15.6	3,741,540	7.3

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Major Research Universities:
420,802	10.5	373,902	9.3	210,055	5.2	10,282	0.3	976,723	24.4	441	0.1-	NC State
50,536	22.6	11,293	5.1	8,127	3.6	52,923	23.7	-	-	-	-	NC State Vet.
515,235	11.6	496,817	11.2	259,733	5.8	19,851	0.4	1,157,414	26.0	202,435	4.5	UNC-Chapel Hill
65,589	5.4	46,921	3.9	28,611	2.4	65,062	5.4	430	0.1-	25,718	2.1	UNC-Health Aff.
1,052,162	10.6	928,933	9.4	506,526	5.1	148,118	1.5	2,134,567	21.6	228,594	2.3	SUBTOTAL
												Other Doctoral Universities:
61,766	3.7	279,687	16.7	53,836	3.2	10,207	0.6	478,951	28.6	65,671	3.9	UNC-Greensboro
												Comprehensive Universities:
159,239	8.7	299,929	16.4	84,640	4.6	11,973	0.7	605,183	33.1	15,125	0.8	Appalachian
148,614	7.8	187,193	9.9	59,415	3.1	-	-	724,723	38.3	280	0.1-	East Carolina
31,000	7.6	9,358	2.3	15,994	3.9	35,217	8.7	-	-	-	-	ECU-Health Aff.
45,488	9.2	68,954	13.9	31,007	6.2	3,891	0.8	145,582	29.3	4,120	0.8	Fayetteville
192,284	14.2	155,506	11.5	33,720	2.5	6,016	0.4	348,778	25.8	7,245	0.5	NC A & T
136,465	13.5	111,920	11.1	30,022	3.0	2,978	0.3	258,057	25.5	4,698	0.5	NC Central
102,730	7.5	186,537	13.6	23,734	1.7	6,779	0.5	410,207	29.8	-	-	UNC-Charlotte
103,498	14.2	82,545	11.4	24,136	3.3	1,219	0.2	214,301	29.5	8,297	1.1	UNC-Wilmington
196,209	12.8	223,390	14.6	45,863	3.0	4,341	0.3	505,507	33.0	16,636	1.1	West'n Carolina
1,115,527	10.5	1,325,332	12.5	348,531	3.3	72,414	0.7	3,212,338	30.2	56,401	0.5	SUBTOTAL
												Gen. Baccalaureate Universities:
66,328	13.2	76,365	15.1	13,974	2.8	4,862	1.0	163,585	32.4	24,377	4.8	Elizabeth City
63,611	14.5	68,003	15.5	17,939	4.1	2,820	0.6	110,265	25.2	7,166	1.6	Pembroke
32,615	9.2	48,434	13.7	17,272	4.9	997	0.3	75,346	21.3	25,946	7.3	UNC-Asheville
64,747	11.1	76,250	13.0	18,467	3.2	2,500	0.4	138,259	23.6	85,388	14.6	Winston-Salem
227,301	12.1	269,052	14.3	67,652	3.6	11,179	0.6	487,455	25.9	142,877	7.6	SUBTOTAL
												Specialized Institution:
7,795	2.4	38,583	11.9	23,596	7.3	1,814	0.6	72,224	22.3	-	-	NC Sch. of Arts
												Teaching Hospital:
1,791	0.3	37,599	5.5	36,543	5.4	392,416	57.8	3,010	0.4	11,209	1.7	NC Mem. Hosp.
												Technical and Community Colleges:
399,718	5.6	680,077	9.5	359,884	5.0	1,964	0.1-	11,060	0.2	82,578	1.1	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
435,193	6.3	756,334	11.0	449,802	6.5	646,334	9.4	1,586,399	23.0	13,048	0.2	SUBTOTAL
												Gen. Baccalaureate Colleges:
1,119,326	10.8	1,832,220	17.7	361,542	3.5	50,084	0.5	3,700,869	35.8	136,557	1.3	SUBTOTAL
												Junior Colleges:
163,826	10.5	263,182	16.9	60,643	3.9	8,941	0.6	611,795	39.3	7,495	0.5	SUBTOTAL
4,584,405	9.0	6,410,999	12.6	2,268,555	4.4	1,343,471	2.6	12,298,668	24.1	744,430	1.5	GRAND TOTAL

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
Technical and Community Colleges:									
Anson TC	48,676	6,280	12.9	18,185	37.4	7,484	15.4	6,624	13.6
Ashev'le-Bun. TC	193,303	43,718	22.6	69,378	35.9	28,653	14.8	9,200	4.8
Beaufort Co. CC	99,469	18,956	19.1	34,616	34.8	15,395	15.5	8,491	8.5
Bladen TC	71,400	6,338	8.9	31,334	43.9	7,746	10.8	5,240	7.3
Blue Ridge TC	86,413	12,414	14.4	42,449	49.1	9,529	11.0	4,517	5.2
Brunswick TC	59,009	11,458	19.4	25,072	42.5	6,949	11.8	8,309	14.1
Caldwell CC & TI	123,273	16,210	13.1	41,775	33.9	19,132	15.5	13,005	10.5
Cape Fear TI	136,896	14,354	10.5	60,282	44.0	28,070	20.5	13,123	9.6
Carteret TC	128,454	18,948	14.8	32,685	25.4	9,912	7.7	6,367	5.0
Catawba Vy. TC	161,722	29,953	18.5	66,458	41.1	23,311	14.4	14,597	9.0
C. Carolina TC	101,735	15,576	15.3	48,403	47.6	16,736	16.5	8,120	8.0
C. Piedmont CC	425,165	71,044	16.7	154,469	36.3	65,892	15.5	44,067	10.4
Cleveland TC	118,846	20,966	17.6	48,525	40.8	18,492	15.6	13,183	11.1
Coastal Car. CC	147,036	22,241	15.1	64,635	44.0	20,460	13.9	15,624	10.6
Col. Albemarle	94,974	15,207	16.0	38,817	40.9	15,874	16.7	11,415	12.0
Craven CC	91,657	18,807	20.5	39,027	42.6	12,464	13.6	14,418	15.7
Davidson Co. CC	145,065	28,869	19.9	43,041	29.7	22,959	15.8	16,094	11.1
Durham TCC	137,242	25,925	18.9	57,585	42.0	26,405	19.2	5,910	4.3
Edgecombe TC	82,820	18,583	22.4	32,205	38.9	12,733	15.4	6,105	7.4
Fayettev'le TI	226,594	52,432	23.1	76,191	33.6	41,677	18.4	11,864	5.2
Forsyth TC	283,772	58,816	20.7	100,246	35.3	38,442	13.5	19,655	6.9
Gaston Col.	192,544	36,845	19.1	75,742	39.3	30,471	15.8	9,772	5.1
Guilford TCC	380,982	67,418	17.7	138,597	36.4	53,696	14.1	34,098	9.0
Halifax CC.	81,636	15,278	18.7	34,589	42.4	11,213	13.7	9,329	11.4
Haywood TC	179,771	15,759	8.8	96,444	53.6	18,124	10.1	7,038	3.9
Isothermal CC	142,366	27,130	19.1	45,666	32.1	17,477	12.3	10,963	7.7
J. Sprunt CC	77,713	10,929	14.1	34,535	44.4	16,920	21.8	4,336	5.6
Johnston TC	116,138	28,822	24.8	42,560	36.6	12,249	10.5	4,880	4.2
Lenoir CC	150,212	27,228	18.1	49,768	33.1	20,092	13.4	17,138	11.4
Martin CC	110,951	16,798	15.1	44,225	39.9	12,252	11.0	13,448	12.1
Mayland TC	35,269	6,564	18.6	15,075	42.7	6,652	18.9	3,226	9.1
McDowell TC	51,167	11,374	22.2	22,564	44.1	8,129	15.9	4,962	9.7
Mitchell CC	132,277	24,865	18.8	40,237	30.4	19,701	14.9	14,705	11.1
Montgomery TC	43,103	5,370	12.5	21,119	49.0	6,689	15.5	2,909	6.7
Nash TC	89,147	28,099	31.5	29,639	33.2	12,605	14.1	3,533	4.0
Pamlico TC	28,725	4,363	15.2	11,183	38.9	4,642	16.2	3,916	13.6
Piedmont TC	84,176	10,479	12.4	28,141	33.4	13,234	15.7	6,684	7.9
Pitt CC	112,045	25,086	22.4	45,845	40.9	19,542	17.4	5,401	4.8
Randolph TC	134,128	21,156	15.8	55,221	41.2	21,067	15.7	12,034	9.0
Richmond TC	87,218	14,390	16.5	40,753	46.7	13,293	15.2	7,347	8.4
Roanoke-Cho. TC	66,696	11,504	17.2	24,558	36.8	11,155	16.7	6,486	9.7
Robeson TC	93,202	17,302	18.6	40,559	43.5	11,740	12.6	5,244	5.6
Rockingham CC	156,324	23,665	15.1	45,439	29.1	20,095	12.9	14,622	9.4
Rowan TC	146,324	32,002	21.9	50,533	34.5	18,774	12.8	15,798	10.8
Sampson TC	53,828	9,708	18.0	24,291	45.1	10,016	18.6	4,256	7.9
Sandhills CC	145,196	21,005	14.5	46,749	32.2	24,978	17.2	11,600	8.0
Southeastern CC	123,180	21,917	17.8	36,354	29.5	20,884	17.0	18,252	14.8
Southwestern TC	81,414	15,420	18.9	28,972	35.6	12,802	15.7	9,180	11.3
Stanly TC	56,567	9,082	16.1	23,826	42.1	9,662	17.1	4,443	7.9
Surry CC	123,257	20,723	16.8	38,756	31.4	14,272	11.6	11,101	9.0
TC Alamance	105,896	19,622	18.5	46,254	43.7	14,230	13.4	8,290	7.8
Tri-County CC	64,171	11,497	17.9	35,894	55.9	5,797	9.0	5,122	8.0
Vance-Granv. CC	95,005	16,693	17.6	34,982	36.8	17,482	18.4	7,032	7.4
Wake TC	186,483	30,164	16.2	64,914	34.8	37,306	20.0	12,320	6.6
Wayne CC	132,516	27,785	21.0	58,505	44.1	23,718	17.9	6,838	5.2
W. Piedmont CC	103,760	14,022	13.5	36,440	35.1	17,220	16.6	10,442	10.1
Wilkes CC	148,803	23,447	15.8	31,491	21.2	16,953	11.4	9,588	6.4
Wilson Co. TC	118,324	16,219	13.7	52,202	44.1	18,961	16.0	9,260	7.8
TOTAL	7,194,035	1,266,825	17.6	2,718,000	37.8	1,072,408	14.9	601,521	8.4

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
												Technical and Community Colleges:
240	0.5	4,712	9.7	4,029	8.3	-	-	-	-	1,122	2.3	Anson TC
14,651	7.6	8,392	4.3	18,004	9.3	-	-	-	-	1,307	0.7	Ashev'le-Bun. TC
940	0.9	12,415	12.5	6,856	6.9	-	-	-	-	1,800	1.8	Beaufort Co. CC
349	0.5	14,941	20.9	5,315	7.4	-	-	-	-	137	0.2	Bladen TC
4,492	5.2	4,686	5.4	8,326	9.6	-	-	-	-	-	-	Blue Ridge TC
-	-	1,895	3.2	384	0.7	-	-	-	-	4,942	8.4	Brunswick TC
15,273	12.4	11,259	9.1	6,619	5.4	-	-	-	-	-	-	Caldwell CC & TI
3,283	2.4	13,901	10.2	3,626	2.6	-	-	257	0.2	-	-	Cape Fear TI
1,275	1.0	22,682	17.7	19,063	14.8	-	-	-	-	17,522	13.6	Carteret TC
5,512	3.4	13,251	8.2	8,640	5.3	-	-	-	-	-	-	Catawba Vy. TC
3,474	3.4	7,633	7.5	1,758	1.7	35	0.1-	-	-	-	-	C. Carolina TC
29,830	7.0	37,089	8.7	13,174	3.1	-	-	-	-	9,600	2.3	C. Piedmont CC
1,858	1.6	8,325	7.0	7,265	6.1	-	-	-	-	232	0.2	Cleveland TC
3,394	2.3	14,742	10.0	5,940	4.0	-	-	-	-	-	-	Coastal Car. CC
726	0.8	9,325	9.8	3,610	3.8	-	-	-	-	-	-	Col. Albemarle
1,797	2.0	4,250	4.6	894	1.0	-	-	-	-	-	-	Craven CC
14,697	10.1	12,621	8.7	6,668	4.6	116	0.1	-	-	-	-	Davidson Co. CC
2,740	2.0	9,689	7.1	8,348	6.1	-	-	-	-	640	0.5	Durham TCC
2,002	2.4	8,970	10.8	2,222	2.7	-	-	-	-	-	-	Edgecombe TC
17,887	7.9	14,695	6.5	11,542	5.1	306	0.1	-	-	-	-	Fayettev'le TI
17,699	6.2	29,424	10.4	5,201	1.8	272	0.1	-	-	14,017	4.9	Forsyth TC
6,719	3.5	23,494	12.2	4,492	2.3	279	0.1	-	-	4,730	2.5	Gaston Col.
16,545	4.3	43,112	11.3	23,911	6.3	84	0.1-	3,521	0.9	-	-	Guilford TCC
649	0.8	7,162	8.8	3,416	4.2	-	-	-	-	-	-	Halifax CC
28,132	15.6	8,610	4.8	5,431	3.0	-	-	233	0.1	-	-	Haywood TC
28,870	20.3	10,329	7.3	1,931	1.4	-	-	-	-	-	-	Isothermal CC
303	0.4	6,705	8.6	3,985	5.1	-	-	-	-	-	-	J. Sprunt CC
9,012	7.8	9,114	7.8	7,858	6.8	-	-	874	0.8	769	0.7	Johnston TC
20,053	13.3	9,511	6.3	6,422	4.3	-	-	-	-	-	-	Lenoir CC
5,808	5.2	12,202	11.0	6,218	5.6	-	-	-	-	-	-	Martin CC
1,204	3.4	2,325	6.6	223	0.6	-	-	-	-	-	-	Mayland TC
-	-	3,086	6.0	1,052	2.1	-	-	-	-	-	-	McDowell TC
5,749	4.3	19,081	14.4	4,320	3.3	-	-	-	-	3,619	2.7	Mitchell CC
1,538	3.6	4,206	9.8	1,272	3.0	-	-	-	-	-	-	Montgomery TC
-	-	2,912	3.3	1,958	2.2	-	-	-	-	10,401	11.7	Nash TC
465	1.6	2,114	7.4	2,042	7.1	-	-	-	-	-	-	Pamlico TC
9,822	11.7	12,189	14.5	3,627	4.3	-	-	-	-	-	-	Piedmont TC
5,459	4.9	5,275	4.7	3,057	2.7	-	-	-	-	2,380	2.1	Pitt CC
4,769	3.6	12,500	9.3	7,381	5.5	-	-	-	-	-	-	Randolph TC
390	0.4	8,638	9.9	2,307	2.6	100	0.1	-	-	-	-	Richmond TC
-	-	6,087	9.1	6,906	10.4	-	-	-	-	-	-	Roanoke-Cho. TC
459	0.5	6,319	6.8	4,359	4.7	-	-	-	-	7,220	7.7	Robeson TC
27,087	17.3	18,443	11.8	6,973	4.5	-	-	-	-	-	-	Rockingham CC
3,597	2.5	16,415	11.2	9,205	6.3	-	-	-	-	-	-	Rowan TC
1,140	2.1	2,289	4.3	2,128	4.0	-	-	-	-	-	-	Sampson TC
10,823	7.5	16,968	11.7	7,525	5.2	-	-	5,548	3.8	-	-	Sandhills CC
8,397	6.8	11,872	9.6	5,504	4.5	-	-	-	-	-	-	Southeastern CC
191	0.2	10,276	12.6	4,573	5.6	-	-	-	-	-	-	Southwestern TC
234	0.4	7,213	12.8	495	0.9	-	-	-	-	1,612	2.8	Stanly TC
17,796	14.4	15,105	12.3	5,504	4.5	-	-	-	-	-	-	Surry CC
4,101	3.9	8,746	8.3	4,026	3.8	-	-	627	0.6	-	-	TC Alamance
-	-	3,870	6.0	1,991	3.1	-	-	-	-	-	-	Tri-County CC
2,764	2.9	6,496	6.8	9,556	10.1	-	-	-	-	-	-	Vance-Granv. CC
2,939	1.6	19,409	10.4	18,575	10.0	328	0.2	-	-	528	0.3	Wake TC
2,357	1.8	10,348	7.8	2,794	2.1	171	0.1	-	-	-	-	Wayne CC
5,928	5.7	12,312	11.9	7,342	7.1	54	0.1	-	-	-	-	W. Piedmont CC
21,655	14.6	33,409	22.5	12,260	8.2	-	-	-	-	-	-	Wilkes CC
2,644	2.2	7,038	5.9	11,781	10.0	219	0.2	-	-	-	-	Wilson Co. TC
399,718	5.6	680,077	9.5	359,884	5.0	1,964	0.1-	11,060	0.2	82,578	1.1	TOTAL

TABLE 16:
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASSROOMS

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary from less than 10 assignable square feet to more than 30, a frequently cited norm is 16 square feet per station.

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

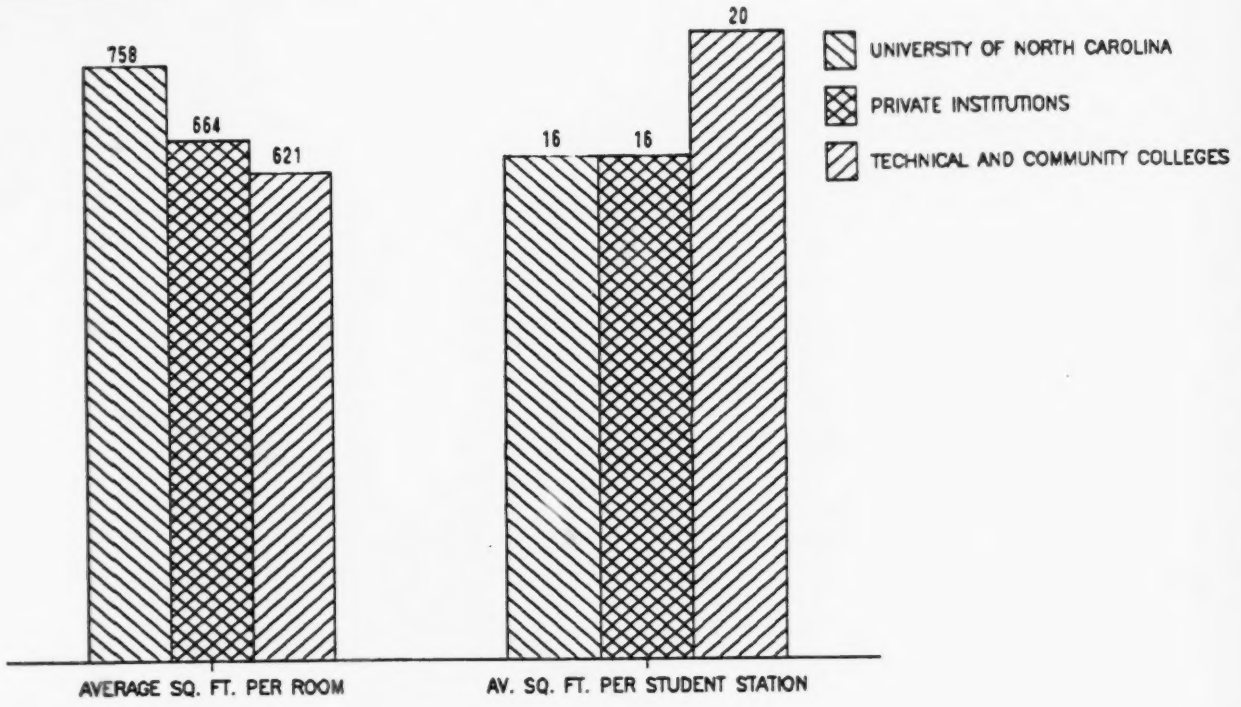
Assignable Square Feet per Station Criteria

Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have larger numbers of stations per classroom.

CLASSROOMS

BY CONTROL:



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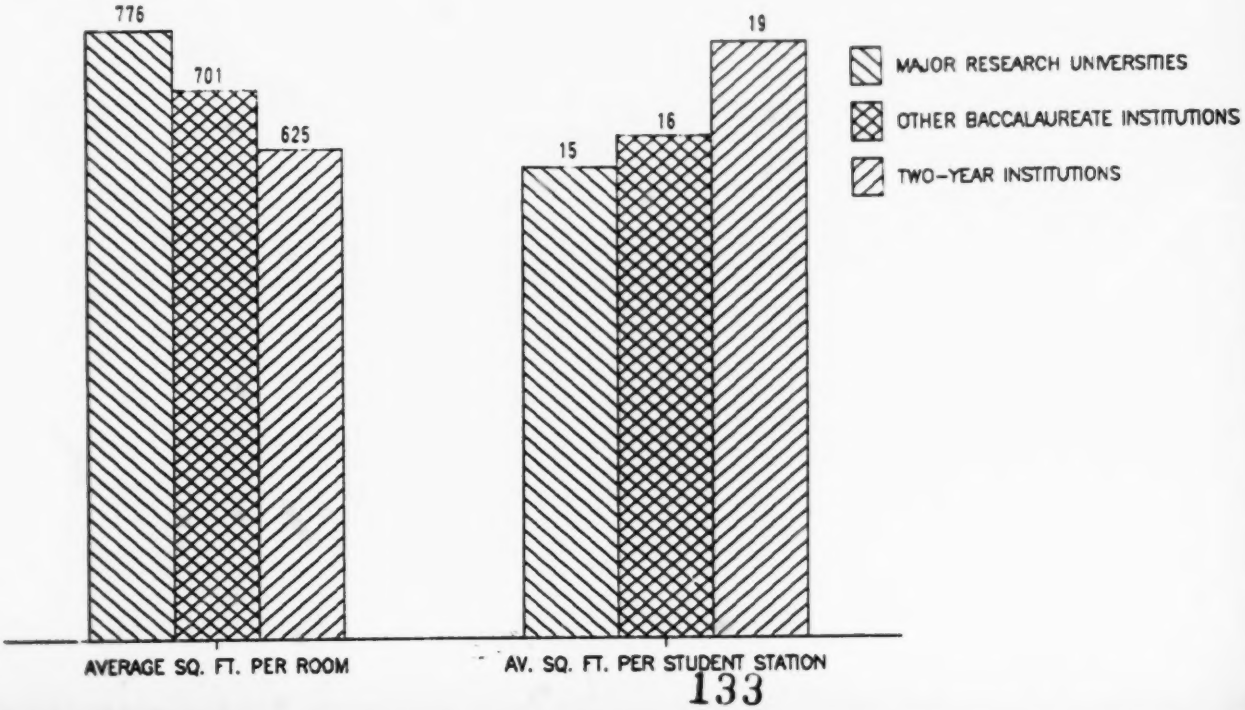


Assignable Square Feet Per Student Station
For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1986	1985	1984	1983	1982
Major Research Universities:									
NC State	257	14,031	55	203,448	14	14	15	15	15
NC State Vet.	6	436	73	7,318	17	17	17	16	-
UNC-Chapel Hill	249	13,627	55	203,814	15	15	15	15	15
UNC-Health Aff.	73	3,579	49	51,635	14	15	15	14	14
SUBTOTAL	585	31,673	54	466,215	15	15	15	15	15
Other Doctoral Universities:									
UNC-Greensboro	154	7,436	48	125,210	17	17	18	18	16
Comprehensive Universities:									
Appalachian	169	7,339	43	137,871	19	19	19	19	19
East Carolina	182	8,539	47	141,771	17	17	16	16	16
ECU-Health Aff.	45	1,965	44	32,595	17	17	17	17	14
Fayetteville	55	2,219	40	36,813	17	17	-	-	-
NC A & T	169	7,202	43	115,198	16	16	16	17	17
NC Central	154	6,486	42	107,072	17	17	16	16	16
UNC-Charlotte	119	6,571	55	89,236	14	14	13	13	13
UNC-Wilmington	67	3,484	52	49,861	14	14	-	-	-
West'n Carolina	122	5,011	41	93,792	19	18	19	20	20
SUBTOTAL	1,082	48,816	45	804,209	16	16	17	17	17
Gen. Baccalaureate Universities:									
Elizabeth City	40	1,862	47	28,675	15	15	16	16	16
Fayetteville	-	-	-	-	-	-	17	16	17
Pembroke	72	2,948	41	47,469	16	16	16	16	16
UNC-Asheville	35	1,389	40	23,029	17	17	17	17	15
UNC-Wilmington	-	-	-	-	-	-	15	15	15
Winston-Salem	75	3,663	49	59,510	16	16	16	16	16
SUBTOTAL	222	9,862	44	158,683	16	16	16	16	16

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1986	1985	1984	1983	1982
Specialized Institution:									
NC Sch. of Arts	23	659	29	12,336	19	21	21	21	21
Teaching Hospital:									
NC Mem. Hosp.	-	-	-	-	-	-	-	-	-
Technical and Community Colleges:									
SUBTOTAL	1,981	62,927	32	1,230,644	20	19	19	19	19
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	303	15,267	50	222,734	15	15	15	15	15
Gen. Baccalaureate Colleges:									
SUBTOTAL	1,048	42,141	40	671,371	16	16	16	16	16
Junior Colleges:									
SUBTOTAL	154	5,750	37	104,511	18	18	18	18	18
GRAND TOTAL	5,552	224,531	40	3,795,913	17	17	17	17	17

Assignable Square Feet Per Student Station
For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1986	1985	1984	1983	1982
Technical and Community Colleges:									
Anson TC	14	272	19	6,280	23	25	22	21	21
Ashev'le-Bun. TC	68	1,974	29	41,427	21	21	21	21	21
Beaufort Co. CC	30	919	31	18,535	20	21	19	20	20
Bladen TC	15	269	18	5,894	22	22	22	23	23
Blue Ridge TC	21	622	30	12,288	20	19	20	23	23
Brunswick TC	20	451	23	11,152	25	25	24	28	28
Caldwell CC & TI	25	741	30	15,769	21	21	22	21	20
Cape Fear TI	22	518	24	14,354	28	28	28	28	27
Carteret TC	36	970	27	18,779	19	19	19	19	20
Catawba Vy. TC	46	1,269	28	29,261	23	23	22	23	23
C. Carolina TC	24	760	32	15,499	20	21	21	21	22
C. Piedmont CC	116	4,313	37	68,862	16	15	16	16	16
Cleveland TC	34	1,046	31	19,836	19	19	19	19	21
Coastal Car. CC	37	1,070	29	21,943	21	20	20	20	21
Col. Albemarle	29	973	34	15,207	16	15	15	15	15
Craven CC	35	1,072	31	18,687	17	17	17	18	17
Davidson Co. CC	40	1,569	39	26,899	17	17	17	16	16
Durham TCC	40	1,338	33	25,025	19	19	19	20	22
Edgecombe TC	34	800	24	18,433	23	22	23	24	24
Fayettev'le TI	74	2,857	39	51,671	18	18	18	19	19
Forsyth TC	83	2,595	31	56,457	22	22	19	19	20
Gaston Col.	52	2,008	39	36,461	18	18	18	17	17
Guilford TCC	105	3,389	32	64,467	19	19	18	18	18
Halifax CC	27	702	26	15,249	22	20	20	20	20
Haywood TC	25	900	36	15,232	17	20	19	19	20
Isothermal CC	43	1,303	30	26,643	20	20	20	20	20
J. Sprunt CC	20	560	28	10,878	19	19	19	20	21
Johnston TC	38	1,296	34	25,024	19	20	19	19	21
Lenoir CC	51	1,444	28	26,769	19	19	19	19	19
Martin CC	22	715	33	16,696	23	23	23	24	24

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stations Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1986	1985	1984	1983	1982
Technical and Community Colleges:									
Mayland TC	11	333	30	6,235	19	19	19	19	19
McDowell TC	14	455	33	10,295	23	23	23	22	22
Mitchell CC	42	1,244	30	24,722	20	20	20	20	17
Montgomery TC	9	172	19	5,195	30	27	29	28	28
Nash TC	36	1,206	34	26,852	22	22	21	19	20
Pamlico TC	9	190	21	4,363	23	23	24	23	23
Piedmont TC	19	472	25	10,148	22	22	22	22	21
Pitt CC	36	1,298	36	24,388	19	19	19	19	19
Randolph TC	33	682	21	20,456	30	25	26	26	25
Richmond TC	23	700	30	14,118	20	20	20	18	18
Roanoke-Cho. TC	20	472	24	11,033	23	23	23	23	24
Robeson TC	26	783	30	17,289	22	22	22	22	22
Rockingham CC	31	1,213	39	22,675	19	19	19	19	19
Rowan TC	47	1,735	37	31,258	18	18	17	17	17
Sampson TC	18	546	30	9,519	17	17	18	18	20
Sandhills CC	32	1,176	37	20,602	18	18	18	17	17
Southeastern CC	32	1,181	37	21,630	18	18	18	18	19
Southwestern TC	24	825	34	15,167	18	18	17	17	18
Stanly TC	15	404	27	8,599	21	22	20	20	20
Surry CC	28	872	31	20,379	23	23	23	23	23
TC Alamance	32	1,204	38	19,274	16	16	16	16	16
Tri-County CC	17	460	27	11,225	24	24	22	23	23
Vance-Granv. CC	28	890	32	16,200	18	18	18	18	18
Wake TC	45	1,651	37	29,624	18	18	18	18	18
Wayne CC	49	1,596	33	27,127	17	17	17	17	17
W. Piedmont CC	20	671	34	13,799	21	21	17	18	18
Wilkes CC	34	1,127	33	22,576	20	20	20	20	20
Wilson Co. TC	25	654	26	16,219	25	20	19	19	19
TOTAL	1,981	62,927	32	1,230,644	20	19	19	19	19

TABLE 17:
ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

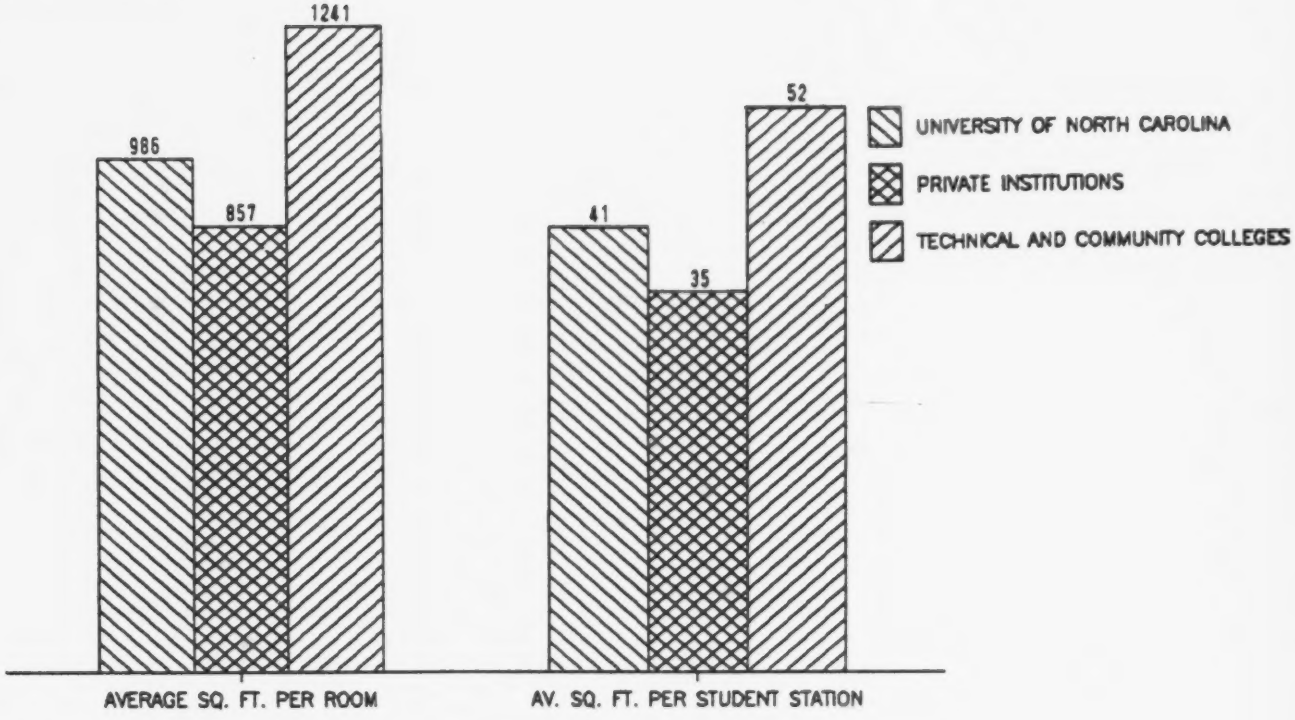
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The Higher Education Facilities Planning and Management Manuals (pages 127-133 of Volume II) provide ranges for various types of class laboratories. Data for selected labs are provided below:

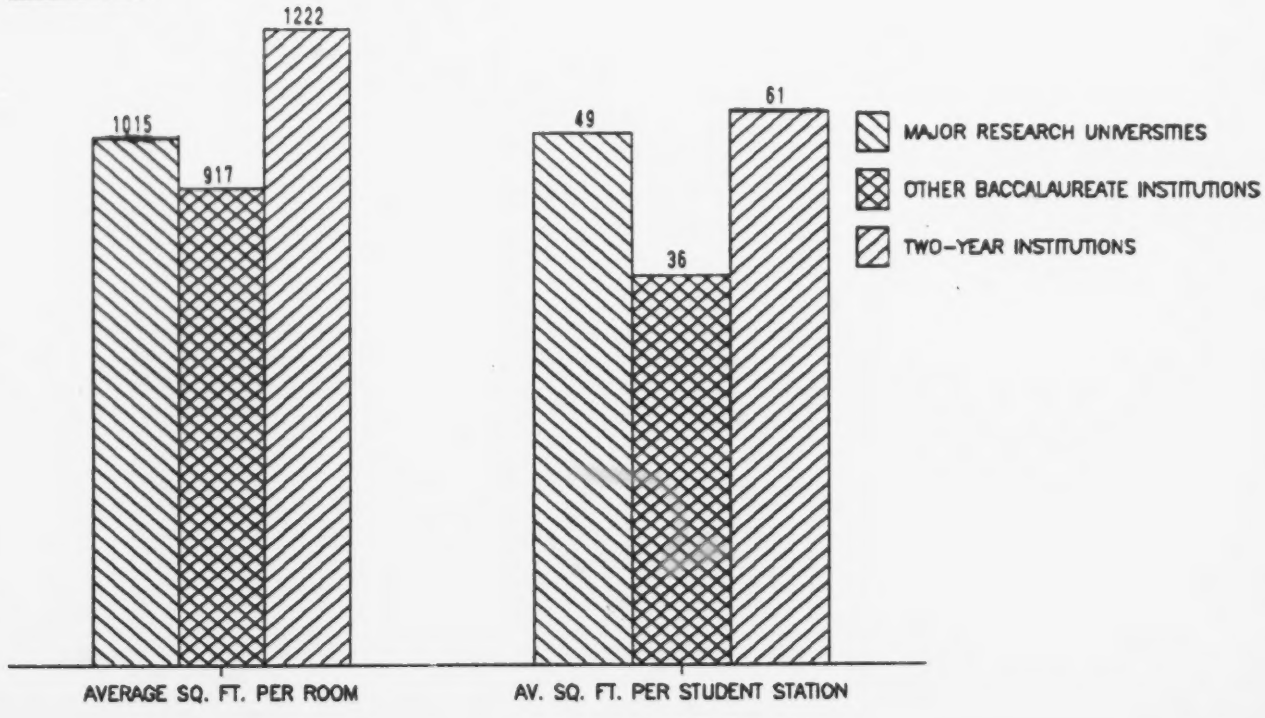
Discipline	Level	ASF	Discipline	ASF
Soil Science	Upper	40-50	Business Tech	25-40
Architecture	Upper	50-60	Data Proc Tech	50-80
Biology	Lower	30-40	Health Svc Tech	25-50
Business	All	20-30	Drafting	50-60
Education	All	25-35	Automotive	100-150
Fine Arts	All	30-50	Welding	80-120
Letters	All	15-25	Natural Sc Tech	35-60
Mathematics	All	20-30	Public Svc Tech	25-35

CLASS LABORATORIES

BY CONTROL:



BY LEVEL:



Assignable Square Feet Per Student Station
For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1986	1985	1984	1983	1982
Major Research Universities:									
NC State	203	4,581	23	261,119	57	58	59	60	61
NC State Vet.	5	234	47	19,114	82	82	82	82	-
UNC-Chapel Hill	81	2,056	25	78,274	38	40	40	41	40
UNC-Health Aff.	111	1,883	17	84,402	45	45	37	36	37
SUBTOTAL	400	8,754	22	442,909	51	51	50	50	50
Other Doctoral Universities:									
UNC-Greensboro	79	2,105	27	80,136	38	39	38	34	31
Comprehensive Universities:									
Appalachian	59	1,704	29	54,547	32	32	32	32	33
East Carolina	141	3,019	21	131,445	44	43	43	42	44
ECU-Health Aff.	172	2,557	15	100,046	39	39	39	39	40
Fayetteville	36	1,234	34	32,664	26	26	-	-	-
NC A & T	110	3,324	30	106,943	32	31	34	35	35
NC Central	58	1,365	24	48.891	36	36	34	34	34
UNC-Charlotte	69	1,987	29	81,544	41	40	39	39	40
UNC-Wilmington	40	957	24	32,824	34	36	-	-	-
West'n Carolina	54	1,520	28	60,097	40	40	42	41	41
SUBTOTAL	739	17,667	24	649,001	37	36	38	38	38
Gen. Baccalaureate Universities:									
Elizabeth City	29	800	28	33,538	42	42	36	36	37
Fayetteville	-	-	-	-	-	-	26	27	28
Pembroke	24	731	30	19,573	27	27	27	27	27
UNC-Asheville	18	411	23	17,356	42	42	41	41	38
UNC-Wilmington	-	-	-	-	-	-	35	35	38
Winston-Salem	24	663	28	19,534	29	32	32	32	30
SUBTOTAL	95	2,605	27	90,001	35	35	32	32	33

Assignable Square Feet Per Student Station
For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1986	1985	1984	1983	1982
Specialized Institution:									
NC Sch. of Arts	49	1,230	25	80,798	66	57	57	62	63
Teaching Hospital:									
NC Mem. Hosp.	-	-	-	-	-	-	-	-	-
Technical and Community Colleges:									
SUBTOTAL	1,828	43,385	24	2,267,831	52	53	53	54	54
PRIVATE INSTITUTIONS									
Major Research Universities:									
SUBTOTAL	157	2,876	18	122,390	43	44	44	44	44
Gen. Baccalaureate Colleges:									
SUBTOTAL	487	13,009	27	429,213	33	33	33	33	33
Junior Colleges:									
SUBTOTAL	96	2,364	25	82,523	35	35	35	35	33
GRAND TOTAL	3,930	93,995	24	4,244,802	45	45	45	46	46

Assignable Square Feet Per Student Station
For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stations Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1986	1985	1984	1983	1982
Technical and Community Colleges:									
Anson TC	15	299	20	16,382	55	56	57	57	57
Ashev'le-Bun. TC	41	924	23	59,994	65	66	67	66	66
Beaufort Co. CC	22	568	26	32,400	57	63	65	66	69
Bladen TC	28	492	18	29,833	61	65	67	71	73
Blue Ridge TC	19	496	26	38,675	78	79	77	68	68
Brunswick TC	18	343	19	19,409	57	58	58	65	43
Caldwell CC & TI	29	624	22	38,142	61	61	61	61	57
Cape Fear TI	37	760	21	51,432	68	69	69	69	68
Carteret TC	22	519	24	27,915	54	52	56	56	57
Catawba Vy. TC	41	1,010	25	58,418	58	58	55	57	57
C. Carolina TC	30	700	23	36,695	52	53	50	49	48
C. Piedmont CC	86	2,663	31	113,642	43	45	45	46	47
Cleveland TC	44	1,022	23	43,199	42	42	43	43	40
Coastal Car. CC	35	823	24	50,102	61	62	62	62	58
Col. Albemarle	29	749	26	34,713	46	46	47	47	46
Craven CC	28	718	26	27,165	38	38	44	47	48
Davidson Co. CC	33	802	24	37,683	47	48	48	46	47
Durham TCC	40	919	23	50,213	55	55	55	54	56
Edgecombe TC	26	533	21	30,263	57	56	58	61	65
Fayettev'le TI	51	1,240	24	58,162	47	47	46	49	50
Forsyth TC	57	1,349	24	82,397	61	61	70	71	74
Gaston Col.	51	1,255	25	62,720	50	56	56	50	49
Guilford TCC	92	2,017	22	116,105	58	57	58	59	60
Halifax CC	23	636	28	30,271	48	44	46	46	47
Haywood TC	58	1,292	22	68,525	53	55	55	59	62
Isothermal CC	35	749	21	38,177	51	50	52	55	55
J. Sprunt CC	21	462	22	31,672	69	69	68	70	73
Johnston TC	30	723	24	34,803	48	48	60	60	51
Lenoir CC	41	977	24	39,138	40	41	44	44	44
Martin CC	20	536	27	36,288	68	58	57	53	53

Assignable Square Feet Per Student Station
For Class Laboratories

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stations Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1986	1985	1984	1983	1982
Technical and Community Colleges:									
Mayland TC	11	271	25	12,392	46	43	39	40	40
McDowell TC	19	512	27	21,445	42	42	42	44	44
Mitchell CC	28	744	27	33,781	45	45	46	54	60
Montgomery TC	22	316	14	20,741	66	56	56	56	56
Nash TC	25	481	19	28,408	59	59	54	58	51
Pamlico TC	8	121	15	9,871	82	82	82	82	87
Piedmont TC	21	457	22	23,559	52	52	55	61	51
Pitt CC	30	795	27	39,311	49	49	49	51	55
Randolph TC	32	688	22	47,779	69	70	72	72	72
Richmond TC	22	496	23	33,821	68	67	67	67	67
Roanoke-Cho. TC	13	339	26	16,298	48	48	54	61	66
Robeson TC	28	719	26	36,976	51	51	52	53	53
Rockingham CC	26	631	24	38,367	61	63	63	60	59
Rowan TC	35	904	26	43,759	48	49	53	52	52
Sampson TC	18	427	24	20,945	49	49	50	51	59
Sandhills CC	34	937	28	39,895	43	42	42	42	40
Southeastern CC	30	741	25	31,780	43	43	41	41	41
Southwestern TC	31	704	23	26,404	38	38	37	37	38
Stanly TC	21	570	27	22,528	40	35	35	35	35
Surry CC	24	635	26	30,260	48	47	48	50	51
TC Alamance	33	874	26	35,423	41	45	40	40	40
Tri-County CC	20	383	19	31,588	82	82	82	80	80
Vance-Granv. CC	27	701	26	30,638	44	42	41	41	42
Wake TC	49	903	18	52,559	58	59	62	61	66
Wayne CC	43	1,078	25	49,211	46	46	46	46	46
W. Piedmont CC	27	603	22	29,270	49	45	36	40	41
Wilkes CC	23	495	22	26,515	54	53	53	55	54
Wilson Co. TC	26	660	25	39,774	60	62	67	66	67
TOTAL	1,828	43,385	24	2,267,831	52	53	53	54	54

Dean E. Smith Student Activities Center, UNC at Chapel Hill

The arena is the highlight of the most significant athletic/assembly facility construction at North Carolina campuses. The highly publicized Dean E. Smith Student Activities Center, touted in several publications as "perhaps the finest basketball arena in the world," is the third campus main arena featured in this study. Built with more than $38 million in private gifts and pledges, the Smith Center is also used for major concerts and assemblies.

The building occupies 300,000 square feet over seven and one-half acres and offers a seating capacity of 21,444. The concourse level is 1,200 feet around and naturally lighted through tinted glass. On the level below are the basketball, ticket, administrative and sports information offices and a memorabilia room. The lowest level contains the arena floor, the pool deck in the adjacent natatorium and the locker room areas. The pool portion of the Center also includes offices for the Educational Foundation and a donor's room.

Because of the arena's octagonal configuration, no seat is within 150 feet of the court, which is a seven-inch thick floor containing hundreds of arched metal springs. This unique floor is matched by a state-of-the-art lighting system and a "theater-quality" sound system.

Building Characteristics

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Estimated Cost to Renovate or Replace
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TABLE 18:
OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

1 Owned in fee simple.

2 Title vested in the institution and being paid for on an amortization schedule.

3 Title vested in a holding company or building corporation to which payments are being made by the institution and which will ultimately convey title to the institution. (Includes lease-purchase arrangement.)

4 Not owned by the institution, but leased or rented to the institution at a typical local rate.

5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.

6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.

7 Not owned by the institution, but shared with another postsecondary educational institution.

8 Other (e.g., not owned by the institution, but shared with a non-educational institution).

Ownership for institutions of The University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institutions' trustees.

The sum of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

Ownership of Buildings

Table 18

INSTITUTION	Owned Gross Sq. Ft.	%	Institution Amortization Gross Sq. Ft.	%	Holding Co. Amortization Gross Sq. Ft.	%	Leased or Rented Gross Sq. Ft.	%	Nominal Rate * Gross Sq. Ft.	%	Total Gross Sq. Ft.
	1		2		3		4		5		
Major Research Universities:											
NC State	4,562,951	70.7	1,894,535	29.3	-	-	-	-	-	-	6,457,486
NC State Vet.	372,607	100.0	-	-	-	-	-	-	-	-	372,607
UNC-Chapel Hill	6,601,893	99.0	51,246	0.8	-	-	16,709	0.3	-	-	6,671,099
UNC-Health Aff.	1,811,289	70.5	-	-	101,246	3.9	658,091	25.6	-	-	2,570,626
SUBTOTAL	13,348,740	83.1	1,945,781	12.1	101,246	0.6	674,800	4.2	-	-	16,071,818
Other Doctoral Universities:											
UNC-Greensboro	2,570,759	99.7	-	-	-	-	6,911	0.3	-	-	2,577,670
Comprehensive Universities:											
Appalachian	1,558,536	59.2	1,058,896	40.2	-	-	-	-	14,400	0.5	2,631,832
East Carolina	1,930,353	72.1	746,469	27.9	-	-	-	-	-	-	2,676,822
ECU-Health Aff.	644,848	100.0	-	-	-	-	-	-	-	-	644,848
Fayetteville	669,493	88.9	83,610	11.1	-	-	-	-	-	-	753,103
NC A & T	1,934,885	100.0	-	-	-	-	-	-	-	-	1,934,885
NC Central	1,551,131	100.0	-	-	-	-	-	-	-	-	1,551,131
UNC-Charlotte	1,284,932	62.8	760,925	37.2	-	-	-	-	-	-	2,045,857
UNC-Wilmington	652,151	60.0	434,271	40.0	-	-	-	-	-	-	1,086,422
West'n Carolina	1,379,967	61.6	860,946	38.4	-	-	-	-	-	-	2,240,913
SUBTOTAL	11,606,296	74.6	3,945,117	25.3	-	-	-	-	14,400	0.1	15,565,813
Gen. Baccalaureate Universities:											
Elizabeth City	553,918	79.6	135,876	19.5	-	-	5,968	0.9	-	-	695,762
Pembroke	631,681	100.0	-	-	-	-	-	-	-	-	631,681
UNC-Asheville	414,315	82.3	87,160	17.3	-	-	2,076	0.4	-	-	503,551
Winston-Salem	719,906	85.0	127,536	15.0	-	-	-	-	-	-	847,442
SUBTOTAL	2,319,820	86.6	350,572	13.1	-	-	8,044	0.3	-	-	2,678,436
Specialized Institution:											
NC Sch. of Arts	437,833	94.3	-	-	-	-	-	-	26,399	5.7	464,232
Teaching Hospital:											
NC Mem. Hosp.	1,063,720	90.6	-	-	-	-	38,200	3.3	-	-	1,173,922
Technical and Community Colleges:											
SUBTOTAL	9,583,996	94.2	756	0.1-	20,325	0.2	230,907	2.3	281,357	2.8	10,171,274
				PRIVATE INSTITUTIONS							
Major Research Universities:											
SUBTOTAL	11,498,531	98.7	136,029	1.2	-	-	12,939	0.1	-	-	11,647,499
Gen. Baccalaureate Colleges:											
SUBTOTAL	12,870,020	88.0	1,475,543	10.1	126,552	0.9	72,720	0.5	85,507	0.6	14,630,342
Junior Colleges:											
SUBTOTAL	1,831,582	82.6	380,381	17.2	4,120	0.2	1,298	0.1	-	-	2,217,381
GRAND TOTAL	67,131,297	87.0	8,234,179	10.7	252,243	0.3	1,045,819	1.4	407,663	0.5	77,198,387

*Three categories of ownership are omitted from the table because of their limited applicability. The data are included in appropriate totals. Details on next page.

Ownership of Buildings

Table 18

INSTITUTION	Owned		Institution Amortization		Holding Co. Amortization		Leased or Rented		Nominal Rate		* Total
	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.
	1		2		3		4		5		
Technical and Community Colleges:											
Anson TC	29,950	45.3	-	-	-	-	1,147	1.7	34,981	52.9	66,078
Ashev'le-Bun. TC	274,749	100.0	-	-	-	-	-	-	-	-	274,749
Beaufort Co. CC	126,448	100.0	-	-	-	-	-	-	-	-	126,448
Bladen TC	93,365	100.0	-	-	-	-	-	-	-	-	93,365
Blue Ridge TC	112,652	100.0	-	-	-	-	-	-	-	-	112,652
Brunswick TC	63,185	87.5	-	-	-	-	1,663	2.3	7,395	10.2	72,243
Caldwell CC & TI	162,374	100.0	-	-	-	-	-	-	-	-	162,374
Cape Fear TI	183,549	92.5	-	-	-	-	-	-	14,840	7.5	198,389
Carteret TC	165,596	100.0	-	-	-	-	-	-	-	-	165,596
Catawba Vy. TC	211,260	97.9	-	-	-	-	-	-	4,600	2.1	215,860
C. Carolina TC	130,362	100.0	-	-	-	-	-	-	-	-	130,362
C. Piedmont CC	1,018,206	99.1	-	-	9,312	0.9	-	-	-	-	1,027,518
Cleveland TC	157,115	100.0	-	-	-	-	-	-	-	-	157,115
Coastal Car. CC	202,547	100.0	-	-	-	-	-	-	-	-	202,547
Col. Albemarle	121,780	91.6	-	-	-	-	2,100	1.6	9,034	6.8	132,914
Craven CC	105,923	83.4	-	-	-	-	21,135	16.6	-	-	127,058
Davidson Co. CC	208,596	100.0	-	-	-	-	-	-	-	-	208,596
Durham TCC	163,102	90.8	-	-	-	-	16,530	9.2	-	-	179,632
Edgecombe TC	116,924	97.6	756	0.6	-	-	-	-	2,064	1.7	119,744
Fayettev'le TI	310,784	100.0	-	-	-	-	-	-	-	-	310,784
Forsyth TC	336,300	87.6	-	-	-	-	-	-	-	-	383,785
Gaston Col.	276,234	100.0	-	-	-	-	-	-	-	-	276,234
Guilford TCC	426,200	80.5	-	-	-	-	103,400	19.5	-	-	529,600
Halifax CC.	110,497	100.0	-	-	-	-	-	-	-	-	110,497
Haywood TC	204,888	89.3	-	-	-	-	-	-	24,474	10.7	229,362
Isothermal CC	177,838	96.5	-	-	-	-	-	-	-	-	184,286
J. Sprunt CC	102,259	98.8	-	-	-	-	-	-	1,200	1.2	103,459
Johnston TC	111,992	75.3	-	-	-	-	-	-	36,799	24.7	148,791
Lenoir CC	185,186	95.4	-	-	-	-	-	-	9,024	4.6	194,210
Martin CC	145,545	99.5	-	-	720	0.5	-	-	-	-	146,265
Mayland TC	48,859	92.0	-	-	-	-	-	-	4,220	8.0	53,079
McDowell TC	64,696	100.0	-	-	-	-	-	-	-	-	64,696
Mitchell CC	190,167	100.0	-	-	-	-	-	-	-	-	190,167
Montgomery TC	64,090	100.0	-	-	-	-	-	-	-	-	64,090
Nash TC	96,026	77.2	-	-	-	-	-	-	28,433	22.8	124,459
Pamlico TC	40,198	100.0	-	-	-	-	-	-	-	-	40,198
Piedmont TC	96,884	100.0	-	-	-	-	-	-	-	-	96,884
Pitt CC	123,037	83.7	-	-	-	-	21,974	14.9	2,040	1.4	147,051
Randolph TC	152,783	91.0	-	-	-	-	15,094	9.0	-	-	167,877
Richmond TC	110,444	97.6	-	-	-	-	-	-	2,680	2.4	113,124
Roanoke-Cho. TC	77,354	83.3	-	-	9,633	10.4	5,926	6.4	-	-	92,913
Robeson TC	81,111	69.5	-	-	-	-	-	-	35,640	30.5	116,751
Rockingham CC	211,521	100.0	-	-	-	-	-	-	-	-	211,521
Rowan TC	179,450	93.9	-	-	-	-	-	-	11,732	6.1	191,182
Sampson TC	61,166	81.9	-	-	-	-	1,440	1.9	12,055	16.1	74,661
Sandhills CC	197,304	99.4	-	-	-	-	-	-	1,280	0.6	198,584
Southeastern CC	157,237	97.2	-	-	-	-	4,548	2.8	-	-	161,785
Southwestern TC	104,565	100.0	-	-	-	-	-	-	-	-	104,565
Stanly TC	57,772	76.4	-	-	-	-	14,131	18.7	3,696	4.9	75,599
Surry CC	166,706	100.0	-	-	-	-	-	-	-	-	166,706
TC Alamance	157,002	100.0	-	-	-	-	-	-	-	-	157,002
Tri-County CC	78,762	100.0	-	-	-	-	-	-	-	-	78,762
Vance-Granv. CC	140,836	93.9	-	-	-	-	9,170	6.1	-	-	150,006
Wake TC	222,974	86.4	-	-	-	-	-	-	35,170	13.6	258,144
Wayne CC	153,219	92.3	-	-	660	0.4	12,049	7.3	-	-	165,928
W. Piedmont CC	149,169	100.0	-	-	-	-	-	-	-	-	149,169
Wilkes CC	200,213	99.7	-	-	-	-	600	0.3	-	-	200,813
Wilson Co. TC	165,045	100.0	-	-	-	-	-	-	-	-	165,045
TOTAL	9,583,996	94.2	756	0.1-	20,325	0.2	230,907	2.3	281,357	2.8	10,171,274

Category 6: None
Category 7: Forsyth Technical College 47,485 12.4% Memorial Hospital 72,002 6.1%
Category 8: Isothermal Community College 6,448 3.5% UNC at Chapel Hill 1,251 0.1-%

TABLES 19 & 20:
CAPITAL INVESTMENT IN BUILDINGS

Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

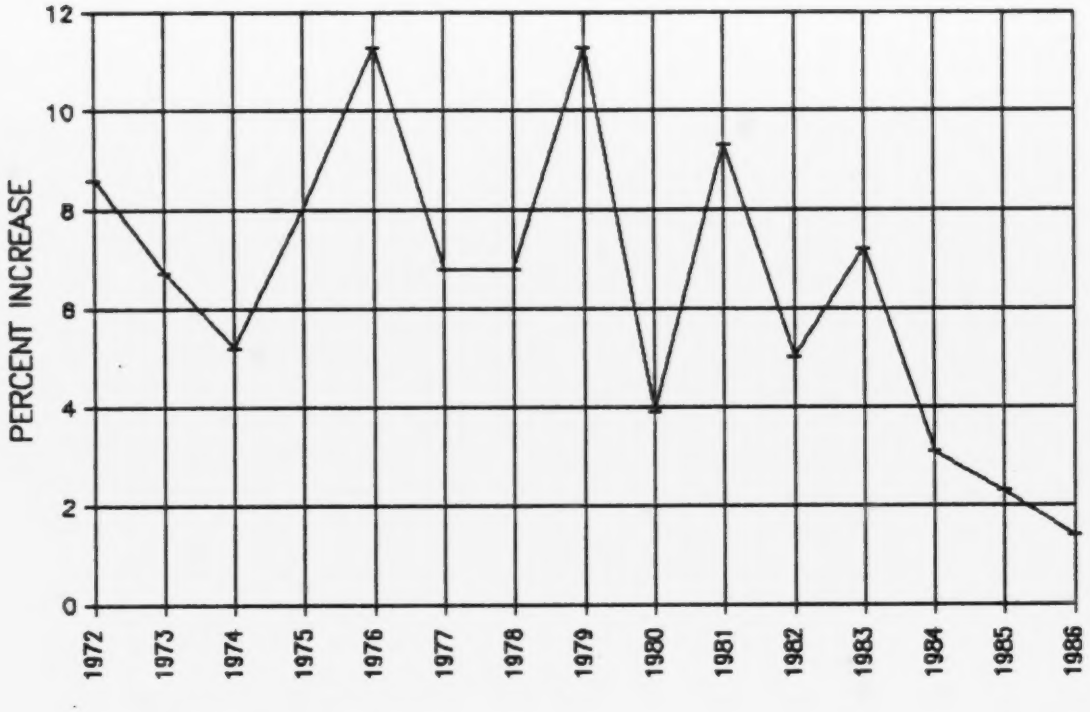
The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated as of 1972 using construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. Beginning in 1984, the Dodge Building Cost Indexes for U. S. and Canadian Cities, which is published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. The factors calculated from the Dodge publication were derived by computing an average of the construction cost increases reported for Charlotte, Fayetteville, Greensboro, Raleigh, Wilmington, and Winston-Salem. For each city, a construction cost index was reported for March and September of each year since 1977. The following table summarizes selected data for these cities:

City	Sept 1985	Sept 1986	% Change 1977-86	% Change 1985-86
Charlotte	1644.9	1670.3	67.0	1.5
Fayetteville	1440.2	1468.1	46.8	1.9
Greensboro	2104.1	2134.1	113.4	1.4
Raleigh	1853.5	1872.5	87.3	1.0
Wilmington	1521.9	1541.2	54.1	1.3
Winston-Salem	1992.7	2016.3	101.6	1.2

The following are the factors which have been used to increase the estimated replacement values each year. They reflect the increases in construction costs which have occurred since 1972. Relative increases over this period are portrayed in the graph.

Year	Annual Increase	Year	Annual Increase	Year	Annual Increase
1972	8.6%	1977	6.8%	1982	5.0%
1973	6.7%	1978	6.8%	1983	7.2%
1974	5.2%	1979	11.3%	1984	3.1%
1975	8.0%	1980	3.9%	1985	2.3%
1976	11.3%	1981	9.3%	1986	1.4%



Because building cost represents an institution's capital investment in a facility, only buildings which are owned by an institution (i.e., those falling under ownership categories 1-3 on page 139) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Major Research Universities:				
NC State	98	$ 95,896,040	$ 305,322,712	4,782,597
NC State Vet.	12	23,846,176	29,685,894	372,607
UNC-Chapel Hill	159	145,861,859	511,587,003	4,789,122
UNC-Health Aff.	97	85,202,502	307,684,160	2,570,626
SUBTOTAL	366	350,806,577	1,154,279,769	12,514,952
Other Doctoral Universities:				
UNC-Greensboro	47	38,820,915	109,143,771	1,730,656
Comprehensive Universities:				
Appalachian	58	47,468,300	118,638,882	1,695,140
East Carolina	61	32,939,597	100,216,700	1,621,944
ECU-Health Aff.	16	38,517,647	51,339,299	644,848
Fayetteville	31	14,677,298	33,163,225	503,649
NC A & T	73	34,459,491	88,844,359	1,398,821
NC Central	43	34,480,555	72,954,849	1,085,144
UNC-Charlotte	32	50,570,700	109,944,785	1,347,556
UNC-Wilmington	38	23,439,805	53,486,313	757,901
West'n Carolina	40	45,773,825	100,878,969	1,489,197
SUBTOTAL	392	322,327,218	729,467,381	10,544,200
Gen. Baccalaureate Universities:				
Elizabeth City	31	12,561,387	31,801,464	451,290
Pembroke	24	12,081,794	30,556,431	461,504
UNC-Asheville	16	10,815,200	22,422,470	382,353
Winston-Salem	21	20,165,447	42,332,293	632,415
SUBTOTAL	92	55,623,828	127,112,658	1,927,562

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	13	$ 6,987,000	$ 22,345,909	350,240
Teaching Hospital:				
NC Mem. Hosp.	24	59,105,804	147,530,709	1,173,922
Technical and Community Colleges:				
SUBTOTAL	764	252,073,948	603,334,559	10,160,008
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	251	352,206,900	772,114,474	9,304,080
Gen. Baccalaureate Colleges:				
SUBTOTAL	628	177,065,216	588,922,177	8,970,480
Junior Colleges:				
SUBTOTAL	97	23,170,248	77,117,231	1,254,762
GRAND TOTAL	2,674	$1,638,187,654	$4,331,368,638	57,930,862

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Technical and Community Colleges:				
Anson TC	12	$ 1,150,000	$ 3,982,046	66,078
Ashev'le-Bun. TC	17	6,603,779	16,865,569	274,749
Beaufort Co. CC	9	3,670,691	6,808,343	126,448
Bladen TC	15	1,947,818	5,056,787	93,365
Blue Ridge TC	9	3,148,436	6,505,049	112,652
Brunswick TC	22	1,176,355	3,065,619	72,243
Caldwell CC & TI	7	4,497,584	10,968,105	162,374
Cape Fear TI	5	4,951,014	14,487,737	198,389
Carteret TC	15	5,036,352	10,827,135	165,596
Catawba Vy. TC	14	5,764,052	14,938,620	215,860
C. Carolina TC	12	3,182,572	8,602,814	130,362
C. Piedmont CC	25	16,707,129	45,633,888	1,027,518
Cleveland TC	12	5,885,421	9,762,370	157,115
Coastal Car. CC	10	8,820,462	14,248,152	202,547
Col. Albemarle	9	4,120,940	7,554,977	132,914
Craven CC	9	3,316,684	7,613,027	127,058
Davidson Co. CC	9	5,722,765	12,753,367	208,596
Durham TCC	12	3,576,311	9,647,113	179,632
Edgecombe TC	10	1,654,300	6,904,709	119,744
Fayettev'le TI	21	6,989,389	18,215,986	310,784
Forsyth TC	16	8,962,924	25,393,782	383,785
Gaston Col.	12	8,012,969	17,779,286	276,234
Guilford TCC	25	10,644,220	34,285,761	525,322
Halifax CC	9	3,379,103	5,013,091	110,497
Haywood TC	30	6,319,493	11,951,411	229,362
Isothermal CC	13	5,494,512	10,517,493	184,286
J. Sprunt CC	10	2,283,325	5,613,180	103,459
Johnston TC	11	3,990,650	8,678,438	147,820
Lenoir CC	11	5,004,189	11,620,692	194,210
Martin CC	9	2,784,000	7,033,505	146,265

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Technical and Community Colleges:				
Mayland TC	5	$ 2,213,150	$ 3,573,410	53,079
McDowell TC	8	1,747,640	4,709,017	64,696
Mitchell CC	19	3,440,528	10,427,971	190,167
Montgomery TC	1	2,030,246	3,309,333	64,090
Nash TC	9	3,285,550	7,034,870	124,459
Pamlico TC	4	1,528,200	3,283,917	40,198
Piedmont TC	10	3,855,993	6,386,580	96,884
Pitt CC	27	2,415,173	8,730,059	147,051
Randolph TC	15	4,729,019	9,605,586	167,877
Richmond TC	9	2,238,500	7,026,484	113,124
Roanoke-Cho. TC	8	2,881,094	6,468,837	92,913
Robeson TC	24	2,342,000	7,755,263	116,751
Rockingham CC	10	5,089,427	12,880,132	211,521
Rowan TC	11	3,622,700	11,365,340	191,182
Sampson TC	11	1,721,770	4,319,276	74,661
Sandhills CC	23	3,986,581	10,705,381	193,239
Southeastern CC	13	3,806,906	9,372,246	161,785
Southwestern TC	6	2,763,960	5,618,565	104,565
Stanly TC	8	1,986,000	4,772,818	75,599
Surry CC	10	4,471,500	9,697,439	166,706
TC Alamance	6	6,192,312	12,803,058	156,330
Tri-County CC	14	1,932,825	4,542,619	78,762
Vance-Granv. CC	8	6,008,000	11,230,443	150,006
Wake TC	22	6,546,007	15,158,526	258,144
Wayne CC	43	2,648,641	8,467,220	165,928
W. Piedmont CC	13	3,910,241	9,629,177	149,169
Wilkes CC	16	5,566,467	11,231,646	200,813
Wilson Co. TC	11	4,316,079	10,901,294	165,045
TOTAL	764	$252,073,948	$603,334,559	10,160,008

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Major Research Universities:				
NC State	34	$ 25,225,806	$ 98,401,693	1,674,889
NC State Vet.	-	-	-	-
UNC-Chapel Hill	40	26,686,940	162,343,423	1,881,977
UNC-Health Aff.	-	-	-	-
SUBTOTAL	74	51,912,746	260,745,116	3,556,866
Other Doctoral Universities:				
UNC-Greensboro	23	11,847,000	52,141,801	847,014
Comprehensive Universities:				
Appalachian	27	17,715,000	56,040,614	936,692
East Carolina	17	14,458,000	64,843,041	1,054,878
ECU-Health Aff.	-	-	-	-
Fayetteville	9	3,638,000	15,098,938	249,454
NC A & T	16	5,809,786	32,751,016	536,064
NC Central	14	5,233,520	28,199,487	465,987
UNC-Charlotte	9	17,604,223	40,955,249	698,301
UNC-Wilmington	20	11,548,884	20,484,092	328,521
West'n Carolina	21	11,520,230	43,454,287	751,716
SUBTOTAL	133	87,527,643	301,826,724	5,021,613
Gen. Baccalaureate Universities:				
Elizabeth City	26	3,941,204	14,336,852	244,472
Pembroke	7	2,633,000	10,284,996	170,177
UNC-Asheville	10	4,182,363	7,180,004	121,198
Winston-Salem	8	3,603,000	12,944,669	215,027
SUBTOTAL	51	14,359,567	44,746,521	750,874

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Specialized Institution:				
NC Sch. of Arts	9	$ 2,512,000	$ 7,037,869	113,992
Teaching Hospital:				
NC Mem. Hosp.	-	-	-	-
Technical and Community Colleges:				
SUBTOTAL	4	138,000	769,047	11,266
		PRIVATE INSTITUTIONS		
Major Research Universities:				
SUBTOTAL	115	39,560,727	136,255,652	2,343,419
Gen. Baccalaureate Colleges:				
SUBTOTAL	539	84,540,509	339,934,812	5,659,862
Junior Colleges:				
SUBTOTAL	102	12,192,550	62,116,994	962,619
GRAND TOTAL	1,050	$304,590,742	$1,205,574,536	19,267,525

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Technical and Community Colleges:				
Anson TC	-	$ -	$ -	-
Ashev'le-Bun. TC	-	-	-	-
Beaufort Co. CC	-	-	-	-
Bladen TC	-	-	-	-
Blue Ridge TC	-	-	-	-
Brunswick TC	-	-	-	-
Caldwell CC & TI	-	-	-	-
Cape Fear TI	-	-	-	-
Carteret TC	-	-	-	-
Catawba Vy. TC	-	-	-	-
C. Carolina TC	-	-	-	-
C. Piedmont CC	-	-	-	-
Cleveland TC	-	-	-	-
Coastal Car. CC	-	-	-	-
Col. Albemarle	-	-	-	-
Craven CC	-	-	-	-
Davidson Co. CC	-	-	-	-
Durham TCC	-	-	-	-
Edgecombe TC	-	-	-	-
Fayettev'le TI	-	-	-	-
Forsyth TC	-	-	-	-
Gaston Col.	-	-	-	-
Guilford TCC	1	82,000	275,918	4,278
Halifax CC	-	-	-	-
Haywood TC	-	-	-	-
Isothermal CC	-	-	-	-
J. Sprunt CC	-	-	-	-
Johnston TC	1	-	50,605	971
Lenoir CC	-	-	-	-
Martin CC	-	-	-	-

Capital Investment, Residential Buildings

Table 20

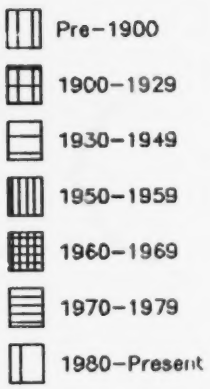
INSTITUTION	No of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
Technical and Community Colleges:				
Mayland TC	-	$ -	$ -	-
McDowell TC	-	-	-	-
Mitchell CC	-	-	-	-
Montgomery TC	-	-	-	-
Nash TC	-	-	-	-
Pamlico TC	-	-	-	-
Piedmont TC	-	-	-	-
Pitt CC	-	-	-	-
Randolph TC	-	-	-	-
Richmond TC	-	-	-	-
Roanoke-Cho. TC	-	-	-	-
Robeson TC	-	-	-	-
Rockingham CC	-	-	-	-
Rowan TC	-	-	-	-
Sampson TC	-	-	-	-
Sandhills CC	1	52,000	433,924	5,345
Southeastern CC	-	-	-	-
Southwestern TC	-	-	-	-
Stanly TC	-	-	-	-
Surry CC	-	-	-	-
TC Alamance	1	4,000	8,600	672
Tri-County CC	-	-	-	-
Vance-Granv. CC	-	-	-	-
Wake TC	-	-	-	-
Wayne CC	-	-	-	-
W. Piedmont CC	-	-	-	-
Wilkes CC	-	-	-	-
Wilson Co. TC	-	-	-	-
TOTAL	4	$138,000	$769,047	11,266

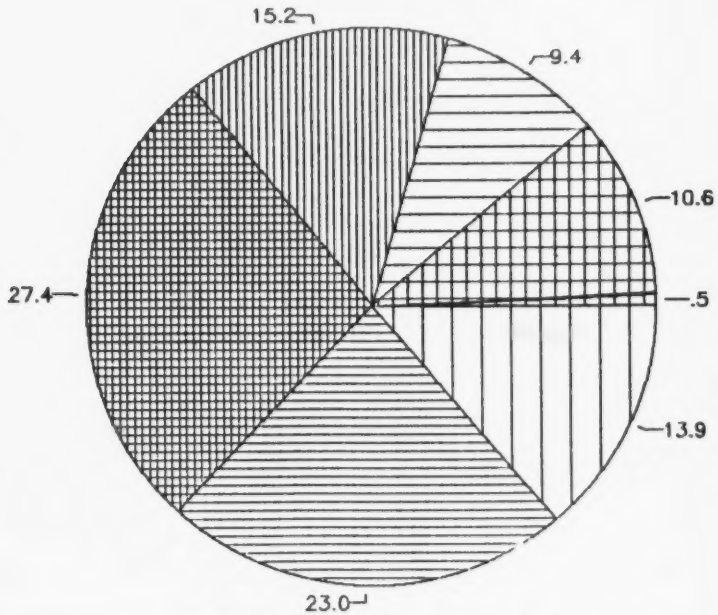
TABLE 21:
AGE OF BUILDINGS

This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

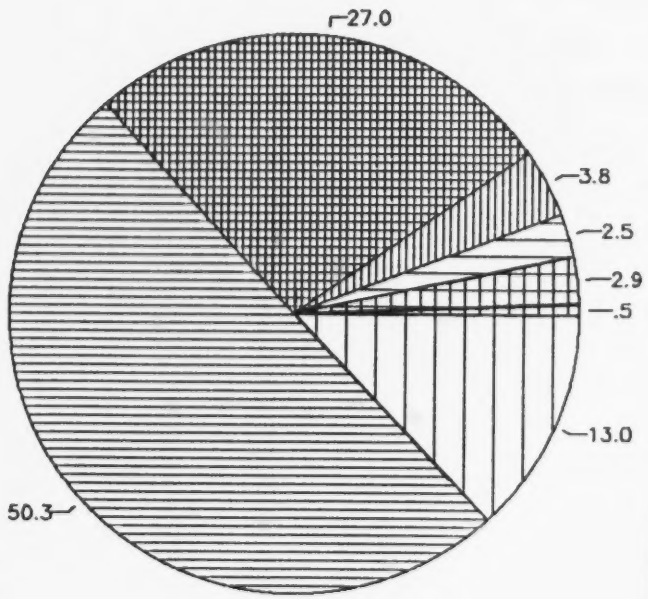
PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS



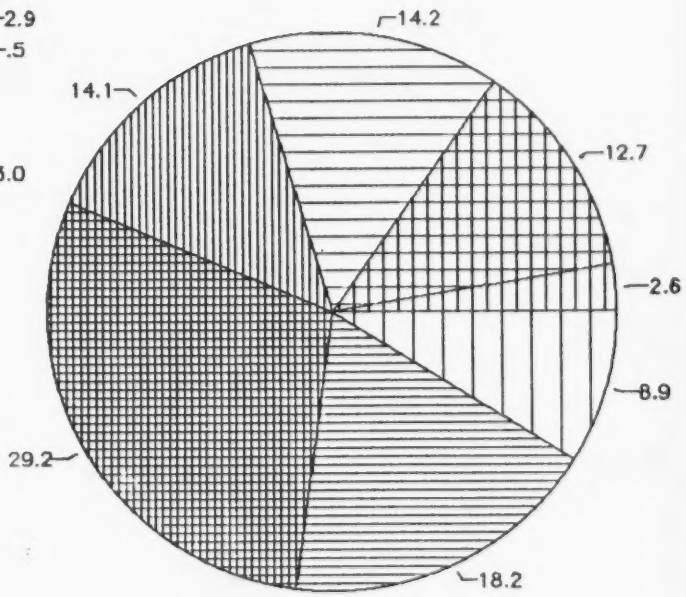


The University of North Carolina

ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS AND N.C. MEMORIAL HOSPITAL



Technical and Community Colleges



Private Institutions

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Major Research Universities:								
NC State	6,457,486	44,407	842,121	1,012,013	1,509,747	1,523,185	1,168,730	357,283
NC State Vet.	372,607	-	-	28,559	3,979	1,242	-	338,827
UNC-Chapel Hill	6,671,099	123,808	1,540,516	824,057	551,760	1,858,299	544,657	1,228,002
UNC-Health Aff.	2,570,626	-	1,200	144,926	278,218	575,554	1,472,759	97,969
SUBTOTAL	16,071,818	168,215	2,383,837	2,009,555	2,343,704	3,958,280	3,186,146	2,022,081
Other Doctoral Universities:								
UNC-Greensboro	2,577,670	31,100	770,031	236,688	387,483	482,899	613,644	55,825
Comprehensive Universities:								
Appalachian	2,631,832	-	82,577	212,569	380,942	1,073,325	635,857	246,562
East Carolina	2,676,822	-	319,602	165,641	500,212	1,188,376	493,391	9,600
ECU-Health Aff.	644,848	-	-	11,744	-	31,788	100,481	500,835
Fayetteville	753,103	-	31,659	132,008	70,410	210,110	175,211	133,705
NC A & T	1,934,885	-	99,089	133,672	792,318	334,286	293,784	281,736
NC Central	1,551,131	-	36,379	225,213	469,874	332,330	174,475	312,860
UNC-Charlotte	2,045,857	-	-	-	-	569,503	1,026,471	449,883
UNC-Wilmington	1,086,422	-	9,000	12,250	-	304,843	494,312	266,017
West'n Carolina	2,240,913	-	57,682	182,379	332,898	705,751	575,861	386,342
SUBTOTAL	15,565,813	-	635,988	1,075,476	2,546,654	4,750,312	3,969,843	2,587,540
Gen. Baccalaureate Universities:								
Elizabeth City	695,762	-	89,399	57,955	108,886	158,540	148,883	132,099
Pembroke	631,681	-	-	34,109	33,483	251,171	312,213	705
UNC-Asheville	503,551	-	6,029	-	-	299,360	95,850	102,312
Winston-Salem	847,442	-	97,672	73,914	59,750	258,213	277,422	80,471
SUBTOTAL	2,678,436	-	193,100	165,978	202,119	967,284	834,368	315,587
Specialized Institution:								
NC Sch. of Arts	464,232	-	89,486	91,714	26,382	149,021	107,629	-
Teaching Hospital:								
NC Mem. Hosp.	1,173,922	-	-	54,203	350,314	244,238	142,217	382,950
Technical and Community Colleges:								
SUBTOTAL	10,171,274	47,839	299,055	256,347	384,814	2,743,525	5,117,487	1,322,207
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	11,647,499	35,728	1,405,451	2,173,545	1,740,990	1,855,954	2,889,332	1,546,499
Gen. Baccalaureate Colleges:								
SUBTOTAL	14,630,342	502,332	2,010,921	1,735,794	1,965,321	5,625,312	1,946,134	844,528
Junior Colleges:								
SUBTOTAL	2,217,381	213,989	216,471	133,998	312,242	851,898	350,664	138,119
GRAND TOTAL	77,198,387	999,203	8,004,340	7,933,298	10,260,023	21,628,723	19,157,464	9,215,336

Age of Buildings

Table 21

INSTITUTION	Total Gross Square Feet	Period of Construction: Pre-1900 Gross Sq. Ft.	1900-1929 Gross Sq. Ft.	1930-1949 Gross Sq. Ft.	1950-1959 Gross Sq. Ft.	1960-1969 Gross Sq. Ft.	1970-1979 Gross Sq. Ft.	1980-Present Gross Sq. Ft.
Technical and Community Colleges:								
Anson TC	66,078	4,160	1,147	21,638	-	-	30,495	8,638
Ashev'le-Bun. TC	274,749	9,981	-	-	21,142	115,709	77,589	50,328
Beaufort Co. CC	126,448	-	-	-	-	-	94,567	31,881
Bladen TC	93,365	-	-	-	7,170	-	69,822	16,373
Blue Ridge TC	112,652	-	-	-	-	-	90,815	21,837
Brunswick TC	72,243	-	-	13,813	-	24,003	8,565	25,862
Caldwell CC & TI	162,374	-	-	-	-	60,471	82,109	19,794
Cape Fear TI	198,389	-	-	-	-	45,540	152,849	-
Carteret TC	165,596	-	-	35,790	9,358	27,840	54,249	38,359
Catawba Vy. TC	215,860	-	-	1,650	4,600	74,471	120,835	14,304
C. Carolina TC	130,362	-	-	-	-	77,082	30,942	22,338
C. Piedmont CC	1,027,518	-	106,968	42,802	62,835	203,939	601,662	9,312
Cleveland TC	157,115	-	7,856	-	-	1,875	47,089	100,295
Coastal Car. CC	202,547	-	-	-	-	-	167,676	34,871
Col. Albemarle	132,914	-	-	5,268	-	-	52,969	74,677
Craven CC	127,058	-	-	-	-	3,669	83,385	40,004
Davidson Co. CC	208,596	-	-	-	-	85,340	99,766	23,490
Durham TCC	179,632	-	-	-	-	77,534	50,082	52,016
Edgecombe TC	119,744	-	57,378	-	-	-	62,366	-
Fayettev'le TI	310,784	-	-	-	-	156,431	136,492	17,861
Forsyth TC	383,785	-	-	-	78,490	174,698	63,131	67,466
Gaston Col.	276,234	-	-	-	-	141,440	103,831	30,963
Guilford TCC	529,600	1,931	46,620	32,572	88,325	130,480	187,143	42,529
Halifax CC.	110,497	-	-	-	-	-	80,879	29,618
Haywood TC	229,362	-	-	17,354	-	30,072	145,164	36,772
Isothermal CC	184,286	-	6,448	-	-	57,962	119,876	-
J. Sprunt CC	103,459	-	-	-	-	24,245	76,630	2,584
Johnston TC	148,791	-	971	-	28,700	-	95,163	23,957
Lenoir CC	194,210	-	-	-	10,622	41,534	133,408	8,646
Martin CC	146,265	-	-	-	-	-	131,825	14,440
Mayland TC	53,079	-	-	-	-	-	37,079	16,000
McDowell TC	64,696	-	-	-	-	18,904	42,848	2,944
Mitchell CC	190,167	31,767	30,351	24,717	-	32,819	70,513	-
Montgomery TC	64,090	-	-	-	-	-	64,090	-
Nash TC	124,459	-	-	24,233	-	600	76,959	22,667
Pamlico TC	40,198	-	-	-	-	-	40,198	-
Piedmont TC	96,884	-	-	-	-	-	83,288	13,596
Pitt CC	147,051	-	-	4,760	-	87,185	49,700	5,406
Randolph TC	167,877	-	-	-	-	44,387	76,333	47,157
Richmond TC	113,124	-	-	-	2,680	56,560	36,585	17,299
Roanoke-Cho. TC	92,913	-	-	-	-	13,366	54,378	25,169
Robeson TC	116,751	-	3,855	11,750	7,955	10,298	79,893	3,000
Rockingham CC	211,521	-	-	-	-	148,238	63,283	-
Rowan TC	191,182	-	11,732	-	-	82,925	96,525	-
Sampson TC	74,661	-	-	-	-	2,381	54,025	18,255
Sandhills CC	198,584	-	-	-	-	124,248	63,157	11,179
Southeastern CC	161,785	-	-	-	-	77,323	66,014	18,448
Southwestern TC	104,565	-	-	-	-	-	75,826	28,739
Stanly TC	75,599	-	-	-	-	14,131	44,245	17,223
Surry CC	166,706	-	-	-	-	66,452	100,254	-
TC Alamance	157,002	-	25,729	-	600	-	116,156	14,517
Tri-County CC	78,762	-	-	18,334	-	9,720	17,520	33,188
Vance-Granv. CC	150,006	-	-	-	-	-	136,949	13,057
Wake TC	258,144	-	-	-	-	98,886	111,423	47,835
Wayne CC	165,928	-	-	1,666	36,417	62,104	65,741	-
W. Piedmont CC	149,169	-	-	-	-	72,716	54,469	21,984
Wilkes CC	200,813	-	-	-	-	98,598	57,322	44,893
Wilson Co. TC	165,045	-	-	-	25,920	67,349	31,340	40,436
TOTAL	10,171,274	47,839	299,055	256,347	384,814	2,743,525	5,117,487	1,322,207

TABLE 22:
CONDITION OF BUILDINGS

The condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970's, many institutions attempted to economize by deferring the maintenance of facilities. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing costs of new construction have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions by the facilities project officers at the institutions. Although few of them are architects or engineers, they generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. These codes are defined on the following page.

The sum of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

BUILDING CONDITION

1. Definition. The physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development.

2. Description. This building characteristic has the following categories:

   1 - Satisfactory

   Suitable for continued use with normal maintenance.

   2 - Remodeling A

   Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25% of the estimated replacement cost of the building.

   3 - Remodeling B

   Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25%, but not greater than 50% of the estimated replacement cost of the building.

   4 - Remodeling C

   Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50% of the replacement cost of the building.

   5 - Demolition

   Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. If a building is scheduled for demolition, its condition is recorded as "demolition," regardless of true condition.

   6 - Termination

   Planned termination or relinquishment of occupancy of the building for reasons other than unsafeness or structural unsoundness, such as abandonment of temporary units or vacation of leased space. If a building is scheduled for termination, its condition is recorded as "termination," regardless of true condition.

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Major Research Universities:													
NC State	1,178,473	18.2	3,653,276	56.6	1,294,571	20.0	262,035	4.1	69,131	1.1	-	-	6,457,486
NC State Vet.	358,854	96.3	-	-	13,753	3.7	-	-	-	-	-	-	372,607
UNC-Chapel Hill	3,216,536	48.2	2,230,692	33.4	602,583	9.0	509,349	7.6	100,008	1.5	11,931	0.2	6,671,099
UNC-Health Aff.	1,833,991	71.3	348,284	13.5	203,717	7.9	51,633	2.0	16,397	0.6	116,604	4.5	2,570,626
SUBTOTAL	6,587,854	41.0	6,232,252	38.8	2,114,624	13.2	823,017	5.1	185,536	1.2	128,535	0.8	16,071,818
Other Doctoral Universities:													
UNC-Greensboro	843,467	32.7	1,050,696	40.8	372,910	14.5	310,597	12.0	-	-	-	-	2,577,670
Comprehensive Universities:													
Appalachian	2,023,826	76.9	452,892	17.2	135,668	5.2	-	-	19,446	0.7	-	-	2,631,832
East Carolina	1,700,729	63.5	881,558	32.9	93,095	3.5	-	-	-	-	1,440	0.1	2,676,822
ECU-Health Aff.	619,302	96.0	20,550	3.2	-	-	-	-	-	-	4,996	0.8	644,848
Fayetteville	360,237	47.8	253,098	33.6	116,038	15.4	23,730	3.2	-	-	-	-	753,103
NC A & T	717,338	37.1	1,075,911	55.6	119,549	6.2	16,177	0.8	5,910	0.3	-	-	1,934,885
NC Central	720,424	46.4	811,423	52.3	19,284	1.2	-	-	-	-	-	-	1,551,131
UNC-Charlotte	1,897,650	92.8	148,207	7.2	-	-	-	-	-	-	-	-	2,045,857
UNC-Wilmington	783,827	72.1	292,935	27.0	660	0.1	8,000	0.7	1,000	0.1	-	-	1,086,422
West'n Carolina	1,566,978	69.9	496,720	22.2	105,754	4.7	71,461	3.2	-	-	-	-	2,240,913
SUBTOTAL	10,390,311	66.8	4,433,294	28.5	590,048	3.8	119,368	0.8	26,356	0.2	6,436	0.1-	15,565,813
Gen. Baccalaureate Universities:													
Elizabeth City	239,186	34.4	402,490	57.8	35,986	5.2	18,100	2.6	-	-	-	-	695,762
Pembroke	477,889	75.7	99,933	15.8	23,088	3.7	12,892	2.0	17,879	2.8	-	-	631,681
UNC-Asheville	156,148	31.0	10,662	2.1	107,109	21.3	229,632	45.6	-	-	-	-	503,551
Winston-Salem	410,869	48.5	291,529	34.4	145,044	17.1	-	-	-	-	-	-	847,442
SUBTOTAL	1,284,092	47.9	804,614	30.0	311,227	11.6	260,624	9.7	17,879	0.7	-	-	2,678,436
Specialized Institution:													
NC Sch. of Arts	253,764	54.7	27,768	6.0	150,044	32.3	32,656	7.0	-	-	-	-	464,232
Teaching Hospital:													
NC Mem. Hosp.	1,173,922	100.0	-	-	-	-	-	-	-	-	-	-	1,173,922
Technical and Community Colleges:													
SUBTOTAL	9,644,497	94.8	195,622	1.9	74,045	0.7	73,596	0.7	16,392	0.2	167,122	1.6	10,171,274
PRIVATE INSTITUTIONS													
Major Research Universities:													
SUBTOTAL	11,529,868	99.0	46,812	0.4	57,384	0.5	4,753	0.1-	8,682	0.1	-	-	11,647,499
Gen. Baccalaureate Colleges:													
SUBTOTAL	13,303,954	90.9	1,001,474	6.8	206,530	1.4	39,710	0.3	56,149	0.4	22,525	0.2	14,630,342
Junior Colleges:													
SUBTOTAL	2,205,591	99.5	6,650	0.3	5,140	0.2	-	-	-	-	-	-	2,217,381
GRAND TOTAL	57,217,320	74.1	13,799,182	17.9	3,881,952	5.0	1,664,321	2.2	310,994	0.4	324,618	0.4	77,198,387

Condition of Buildings

Table 22

INSTITUTION	Satisfactory Gross Sq. Ft.	%	Remodeling A Gross Sq. Ft.	%	Remodeling B Gross Sq. Ft.	%	Remodeling C Gross Sq. Ft.	%	Demolition Gross Sq. Ft.	%	Termination Gross Sq. Ft.	%	Total Gross Square Feet
Technical and Community Colleges:													
Anson TC	8,638	13.1	34,565	52.3	15,350	23.2	5,388	8.2	2,137	3.2	-	-	66,078
Ashev'le-Bun. TC	216,035	78.6	50,917	18.5	7,797	2.8	-	-	-	-	-	-	274,749
Beaufort Co. CC	126,448	100.0	-	-	-	-	-	-	-	-	-	-	126,448
Bladen TC	88,924	95.2	3,841	4.1	600	0.6	-	-	-	-	-	-	93,365
Blue Ridge TC	112,652	100.0	-	-	-	-	-	-	-	-	-	-	112,652
Brunswick TC	56,346	78.0	950	1.3	5,484	7.6	5,976	8.3	3,487	4.8	-	-	72,243
Caldwell CC & TI	162,374	100.0	-	-	-	-	-	-	-	-	-	-	162,374
Cape Fear TI	198,389	100.0	-	-	-	-	-	-	-	-	-	-	198,389
Carteret TC	90,736	54.8	47,176	28.5	6,000	3.6	19,812	12.0	-	-	1,872	1.1	165,596
Catawba Vy. TC	215,860	100.0	-	-	-	-	-	-	-	-	-	-	215,860
C. Carolina TC	116,782	89.6	-	-	-	-	13,580	10.4	-	-	-	-	130,362
C. Piedmont CC	1,024,582	99.7	2,936	0.3	-	-	-	-	-	-	-	-	1,027,518
Cleveland TC	149,259	95.0	-	-	7,856	5.0	-	-	-	-	-	-	157,115
Coastal Car. CC	202,547	100.0	-	-	-	-	-	-	-	-	-	-	202,547
Col. Albemarle	127,646	96.0	-	-	-	-	5,268	4.0	-	-	-	-	132,914
Craven CC	127,058	100.0	-	-	-	-	-	-	-	-	-	-	127,058
Davidson Co. CC	208,596	100.0	-	-	-	-	-	-	-	-	-	-	208,596
Durham TCC	179,632	100.0	-	-	-	-	-	-	-	-	-	-	179,632
Edgecombe TC	114,075	95.3	5,669	4.7	-	-	-	-	-	-	-	-	119,744
Fayettev'le TI	303,584	97.7	7,200	2.3	-	-	-	-	-	-	-	-	310,784
Forsyth TC	383,785	100.0	-	-	-	-	-	-	-	-	-	-	383,785
Gaston Col.	276,234	100.0	-	-	-	-	-	-	-	-	-	-	276,234
Guilford TCC	515,028	97.2	-	-	-	-	14,572	2.8	-	-	-	-	529,600
Halifax CC.	110,497	100.0	-	-	-	-	-	-	-	-	-	-	110,497
Haywood TC	201,508	87.9	23,754	10.4	4,100	1.8	-	-	-	-	-	-	229,362
Isothermal CC	184,286	100.0	-	-	-	-	-	-	-	-	-	-	184,286
J. Sprunt CC	100,915	97.5	-	-	-	-	600	0.6	-	-	1,944	1.9	103,459
Johnston TC	147,820	99.3	-	-	-	-	-	-	971	0.7	-	-	148,791
Lenoir CC	194,210	100.0	-	-	-	-	-	-	-	-	-	-	194,210
Martin CC	146,265	100.0	-	-	-	-	-	-	-	-	-	-	146,265
Mayland TC	53,079	100.0	-	-	-	-	-	-	-	-	-	-	53,079
McDowell TC	64,696	100.0	-	-	-	-	-	-	-	-	-	-	64,696
Mitchell CC	182,710	96.1	4,483	2.4	2,974	1.6	-	-	-	-	-	-	190,167
Montgomery TC	64,090	100.0	-	-	-	-	-	-	-	-	-	-	64,090
Nash TC	100,226	80.5	-	-	-	-	-	-	-	-	24,233	19.5	124,459
Pamlico TC	40,198	100.0	-	-	-	-	-	-	-	-	-	-	40,198
Piedmont TC	96,884	100.0	-	-	-	-	-	-	-	-	-	-	96,884
Pitt CC	125,035	85.0	-	-	-	-	-	-	-	-	22,016	15.0	147,051
Randolph TC	167,877	100.0	-	-	-	-	-	-	-	-	-	-	167,877
Richmond TC	113,124	100.0	-	-	-	-	-	-	-	-	-	-	113,124
Roanoke-Cho. TC	82,719	89.0	-	-	561	0.6	-	-	-	-	9,633	10.4	92,913
Robeson TC	93,191	79.8	-	-	-	-	-	-	-	-	23,560	20.2	116,751
Rockingham CC	211,521	100.0	-	-	-	-	-	-	-	-	-	-	211,521
Rowan TC	191,182	100.0	-	-	-	-	-	-	-	-	-	-	191,182
Sampson TC	73,941	99.0	-	-	-	-	-	-	720	1.0	-	-	74,661
Sandhills CC	198,584	100.0	-	-	-	-	-	-	-	-	-	-	198,584
Southeastern CC	161,785	100.0	-	-	-	-	-	-	-	-	-	-	161,785
Southwestern TC	104,565	100.0	-	-	-	-	-	-	-	-	-	-	104,565
Stanly TC	61,468	81.3	14,131	18.7	-	-	-	-	-	-	-	-	75,599
Surry CC	166,706	100.0	-	-	-	-	-	-	-	-	-	-	166,706
TC Alamance	157,002	100.0	-	-	-	-	-	-	-	-	-	-	157,002
Tri-County CC	62,957	79.9	-	-	6,541	8.3	8,400	10.7	864	1.1	-	-	78,762
Vance-Granv. CC	150,006	100.0	-	-	-	-	-	-	-	-	-	-	150,006
Wake TC	258,144	100.0	-	-	-	-	-	-	-	-	-	-	258,144
Wayne CC	65,282	39.3	-	-	16,782	10.1	-	-	-	-	83,864	50.5	165,928
W. Piedmont CC	149,169	100.0	-	-	-	-	-	-	-	-	-	-	149,169
Wilkes CC	200,813	100.0	-	-	-	-	-	-	-	-	-	-	200,813
Wilson Co. TC	156,832	95.0	-	-	-	-	-	-	8,213	5.0	-	-	165,045
TOTAL	9,644,497	94.8	195,622	1.9	74,045	0.7	73,596	0.7	16,392	0.2	167,122	1.6	10,171,274

TABLE 23:
ESTIMATED COST TO RENOVATE OR REPLACE UNSATISFACTORY FACILITIES

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities has been frequently estimated at $50 billion.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follow:

Condition	Cost Midpoint
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in remodeling A condition has an estimated replacement value of $1,000,000, the cost to bring it to satisfactory condition would be estimated to be $200,000.

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Estimated Cost of Restoring Facilities to Satisfactory Condition 1986	1985	1984	1983	1982
Major Research Universities:					
NC State	$ 91,418,476	$ 91,480,338	$ 55,613,716	$ 53,941,528	$ 50,318,591
NC State Vet.	138,532	136,620	-	-	-
UNC-Chapel Hill	127,557,020	125,964,403	109,395,230	106,331,348	99,189,690
UNC-Health Aff.	36,928,991	37,178,842	48,255,397	47,870,510	44,235,141
SUBTOTAL	256,043,019	254,760,203	213,264,343	208,143,386	193,743,422
Other Doctoral Universities:					
UNC-Greensboro	36,475,207	38,887,322	44,877,740	44,185,648	1,666,860
Comprehensive Universities:					
Appalachian	9,317,094	9,305,933	578,623	2,461,578	2,164,633
East Carolina	12,965,407	12,750,649	9,737,735	9,444,942	8,810,580
ECU-Health Aff.	390,392	385,002	140,052	135,841	148,745
Fayetteville	6,696,413	6,603,957	-	-	-
NC A & T	16,779,207	16,735,386	21,122,643	20,487,531	19,111,503
NC Central	10,111,422	9,971,817	2,294,621	2,225,627	3,449,877
UNC-Charlotte	2,638,326	2,601,899	-	-	-
UNC-Wilmington	5,157,657	5,086,447	-	-	-
West'n Carolina	12,136,621	11,893,757	6,532,775	6,336,349	4,753,774
SUBTOTAL	76,192,539	75,334,847	40,406,449	41,091,868	38,439,112
Gen. Baccalaureate Universities:					
Elizabeth City	7,200,345	7,132,984	6,500,389	6,285,792	6,220,296
Fayetteville	-	-	939,612	911,360	822,423
Pembroke	3,239,003	3,197,397	-	-	-
UNC-Asheville	12,703,012	6,644,124	664,843	644,852	601,541
UNC-Wilmington	-	-	341,076	340,063	539,235
Winston-Salem	7,054,164	6,956,770	7,272,910	5,963,197	5,786,520
SUBTOTAL	30,196,524	23,931,275	15,718,830	14,145,264	13,970,015

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Estimated Cost of Restoring Facilities to Satisfactory Condition 1986	1985	1984	1983	1982
Specialized Institution:					
NC Sch. of Arts	$ 5,358,959	$ 5,284,970	$ 3,197,848	$ 3,931,268	$ 3,667,229
Teaching Hospital:					
NC Mem. Hosp.	-	-	-	-	-
Technical and Community Colleges:					
SUBTOTAL	15,360,770	14,770,666	14,469,943	14,017,705	10,561,932
		PRIVATE INSTITUTIONS			
Major Research Universities:					
SUBTOTAL	8,504,596	8,399,922	8,211,067	8,123,506	22,279,529
Gen. Baccalaureate Colleges:					
SUBTOTAL	23,678,637	19,116,354	17,635,679	16,175,620	17,032,416
Junior Colleges:					
SUBTOTAL	247,471	582,249	335,482	573,360	230,972
GRAND TOTAL	$452,057,722	$441,067,808	$358,117,381	$350,387,625	$301,591,487

Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Estimated Cost of Restoring Facilities to Satisfactory Condition 1986	1985	1984	1983	1982
Technical and Community Colleges:					
Anson TC	$ 1,155,569	$ 1,127,202	$ 1,055,267	$ -	$ -
Ashev'le-Bun. TC	816,942	805,662	787,549	763,869	712,564
Beaufort Co. CC	-	-	-	-	-
Bladen TC	8,691	8,571	8,378	8,126	11,160
Blue Ridge TC	-	-	-	-	-
Brunswick TC	435,607	429,593	357,570	276,859	258,264
Caldwell CC & TI	-	-	-	-	-
Cape Fear TI	-	-	-	-	-
Carteret TC	1,117,917	782,823	765,223	742,213	252,466
Catawba Vy. TC	-	-	-	-	-
C. Carolina TC	646,756	637,826	623,486	-	-
C. Piedmont CC	32,400	31,953	31,234	30,295	28,260
Cleveland TC	164,675	162,401	158,750	153,977	143,635
Coastal Car. CC	-	-	-	-	-
Col. Albemarle	264,373	260,723	254,861	247,198	230,594
Craven CC	-	-	902,276	755,297	704,568
Davidson Co. CC	-	-	-	2,016,888	-
Durham TCC	-	-	153,723	-	379,830
Edgecombe TC	20,637	20,352	19,894	19,296	-
Fayettev'le TI	63,368	62,493	61,088	-	-
Forsyth TC	-	-	-	-	-
Gaston Col.	-	-	-	-	-
Guilford TCC	153,796	151,673	148,262	143,804	134,146
Halifax CC	-	-	-	-	-
Haywood TC	339,593	288,948	282,452	273,959	227,137
Isothermal CC	-	-	-	-	-
J. Sprunt CC	41,809	41,232	40,306	39,093	36,469
Johnston TC	50,605	49,906	48,784	47,317	44,139
Lenoir CC	-	-	-	-	-
Martin CC	-	-	-	-	-

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Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Table 23

INSTITUTION	Estimated Cost of Restoring Facilities to Satisfactory Condition				
	1986	1985	1984	1983	1982
Technical and Community Colleges:					
Mayland TC	$ -	$ -	$ -	$ -	$ -
McDowell TC	-	-	-	-	-
Mitchell CC	106,422	104,952	102,593	99,507	92,824
Montgomery TC	-	-	-	-	-
Nash TC	1,578,590	1,556,795	570,673	553,514	-
Pamlico TC	-	-	-	-	-
Piedmont TC	-	-	-	-	-
Pitt CC	1,065,626	1,050,916	1,027,287	996,398	915,866
Randolph TC	-	-	-	-	-
Richmond TC	-	-	-	-	-
Roanoke-Cho. TC	577,624	569,649	564,678	540,098	503,823
Robeson TC	1,471,175	1,450,863	1,418,243	1,375,600	1,283,209
Rockingham CC	-	-	-	-	-
Rowan TC	-	-	-	-	-
Sampson TC	10,750	10,602	10,364	10,052	9,377
Sandhills CC	-	-	-	-	-
Southeastern CC	-	-	-	-	-
Southwestern TC	-	-	-	-	-
Stanly TC	164,288	162,019	177,180	171,853	160,310
Surry CC	-	-	-	-	-
TC Alamance	-	-	-	-	-
Tri-County CC	508,244	501,227	498,759	483,762	451,269
Vance-Granv. CC	-	-	-	-	-
Wake TC	-	-	-	-	-
Wayne CC	4,058,309	4,002,281	3,912,301	3,794,664	3,539,796
W. Piedmont CC	-	-	-	-	-
Wilkes CC	-	-	-	-	-
Wilson Co. TC	507,004	500,004	488,762	474,066	442,226
TOTAL	$15,360,770	$14,770,666	$14,469,943	$14,017,705	$10,561,932

Dr. Perry Q. Langston, Campbell University

Campbell University has a long-established commitment to providing educational opportunities for people with handicaps. Instrumental in developing both campus grounds and facilities accessibility for mobility impaired persons at Campbell is Dr. Perry Langston (above photo), a World War II Disabled Veteran who retired last year after thirty-six years of service on the Campbell University staff.

Dr. Langston notes that Campbell "is like any hundred-year-old campus in that many buildings were built before any attention was paid to handicapped students." His letter to the Commission catalogs a history of improvements and additions at Campbell which testify to the institution's commitment: replacement of exterior and interior steps with ramps, addition of ground level sections and elevators to existing buildings, construction of encircling walkways and convenient ramps for new facilities, provision of curb breaks at streets, and removal of cross-campus barriers.

Campbell authorities schedule and locate specific classes and functions according to the pursuits of mobility impaired and other handicapped students and staff. As a result, all of the institution's services and academic programs are conveniently accessible to people with those special needs.

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable 169
Accessible Area by Programs and Subprograms 175
Accessible Area by Room Code 193

TABLE 24:
ACCESSIBLE AREA AS A
PERCENTAGE OF ASSIGNABLE

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act states that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

One of the groups protected by Section 504 is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although Section 504 does not require that colleges and universities make all of their facilities barrier-free, it does require that the institutions' programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of Section 504. The survey also found, however, that this percentage varied greatly among different institutions.

For purposes of this study, assignable space is considered to be accessible if a person in a wheelchair can, without assistance, reach that space from immediately outside the building in which the space is located.

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1986	1985	1984	1983	1982
Major Research Universities:							
NC State	4,006,323	2,168,376	54.1	57.2	56.7	57.2	58.0
NC State Vet.	223,487	196,557	88.0	87.6	87.3	86.3	-
UNC-Chapel Hill	4,451,011	2,308,977	51.9	56.0	55.7	54.9	54.2
UNC-Health Aff.	1,210,175	1,016,965	84.0	84.7	82.0	81.3	81.8
SUBTOTAL	9,890,996	5,690,875	57.5	60.8	61.0	60.9	60.4
Other Doctoral Universities:							
UNC-Greensboro	1,673,897	988,809	59.1	56.5	54.1	54.0	50.4
Comprehensive Universities:							
Appalachian	1,827,005	943,099	51.6	51.5	50.8	45.1	43.3
East Carolina	1,893,980	848,944	44.8	43.5	43.6	43.6	46.1
ECU-Health Aff.	406,772	382,241	94.0	94.0	94.0	93.8	88.4
Fayetteville	497,024	202,589	40.8	40.8	-	-	-
NC A & T	1,350,767	623,468	46.2	45.2	45.2	45.3	35.2
NC Central	1,011,183	404,617	40.0	40.0	33.3	31.9	31.7
UNC-Charlotte	1,374,986	1,151,722	83.8	83.8	82.8	82.6	81.9
UNC-Wilmington	726,814	380,615	52.4	51.6	-	-	-
West'n Carolina	1,531,532	1,006,978	65.7	63.6	63.8	63.7	63.4
SUBTOTAL	10,620,063	5,944,273	56.0	55.2	55.2	53.9	51.1
Gen. Baccalaureate Universities:							
Elizabeth City	504,133	306,480	60.8	56.9	56.2	56.2	55.5
Fayetteville	-	-	-	-	40.8	38.2	37.9
Pembroke	438,330	237,012	54.1	54.1	54.1	54.1	54.1
UNC-Asheville	354,064	261,486	73.9	71.9	71.1	71.0	71.1
UNC-Wilmington	-	-	-	-	50.7	50.7	54.6
Winston-Salem	584,851	244,540	41.8	41.8	41.8	42.8	40.2
SUBTOTAL	1,881,378	1,049,518	55.8	54.4	51.1	51.1	51.5

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1986	1985	1984	1983	1982
Specialized Institution:							
NC Sch. of Arts	323,937	203,790	62.9	62.6	62.6	52.3	52.3
Teaching Hospital:							
NC Mem. Hosp.	679,094	626,104	92.2	90.5	90.2	89.9	90.1
Technical and Community Colleges:							
SUBTOTAL	7,194,035	6,506,787	90.4	90.2	90.4	90.2	89.6
		PRIVATE INSTITUTIONS					
Major Research Universities:							
SUBTOTAL	6,891,410	4,227,905	61.4	61.1	56.7	55.9	55.0
Gen. Baccalaureate Colleges:							
SUBTOTAL	10,348,330	3,941,923	38.1	37.4	35.1	32.9	32.4
Junior Colleges:							
SUBTOTAL	1,555,149	689,466	44.3	44.5	43.7	42.1	41.2
GRAND TOTAL	51,058,289	29,869,450	58.5	58.6	57.3	56.3	55.3

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1986	1985	1984	1983	1982
Technical and Community Colleges:							
Anson TC	48,676	40,975	84.2	84.6	87.4	87.4	87.4
Ashev'le-Bun. TC	193,303	140,920	72.9	72.9	73.0	72.2	72.2
Beaufort Co. CC	99,469	90,782	91.3	90.9	89.7	82.7	82.2
Bladen TC	71,400	68,494	95.9	96.3	96.1	87.1	86.3
Blue Ridge TC	86,413	85,851	99.3	99.3	94.2	94.2	94.2
Brunswick TC	59,009	43,244	73.3	72.7	72.3	69.8	83.5
Caldwell CC & TI	123,273	113,202	91.8	91.8	91.8	91.8	91.8
Cape Fear TI	136,896	133,142	97.3	91.4	91.5	91.4	92.8
Carteret TC	128,454	104,980	81.7	94.6	94.7	93.0	93.0
Catawba Vy. TC	161,722	116,523	72.1	72.1	72.0	71.3	71.3
C. Carolina TC	101,735	99,153	97.5	97.6	97.2	97.2	97.2
C. Piedmont CC	425,165	391,672	92.1	92.2	95.5	95.5	95.5
Cleveland TC	118,846	113,583	95.6	95.6	95.6	95.8	95.8
Coastal Car. CC	147,036	147,036	100.0	100.0	100.0	100.0	100.0
Col. Albemarle	94,974	94,874	99.9	99.9	99.9	95.8	95.8
Craven CC	91,657	91,089	99.4	99.4	99.4	99.6	99.5
Davidson Co. CC	145,065	144,613	99.7	99.7	99.7	99.8	99.8
Durham TCC	137,242	129,309	94.2	94.2	88.2	98.4	75.1
Edgecombe TC	82,820	65,757	79.4	76.8	76.5	76.0	73.8
Fayettev'le TI	226,594	203,599	89.9	90.2	90.1	89.6	89.7
Forsyth TC	283,772	278,005	98.0	98.0	96.8	97.0	97.0
Gaston Col.	192,544	179,098	93.0	92.9	93.1	93.3	92.9
Guilford TCC	380,982	258,037	67.7	66.6	64.8	61.9	60.0
Halifax CC	81,636	79,687	97.6	95.8	95.8	94.7	94.7
Haywood TC	179,771	158,292	88.1	88.1	88.0	87.8	87.2
Isothermal CC	142,366	117,651	82.6	81.8	81.6	81.5	81.5
J. Sprunt CC	77,713	69,988	90.1	90.1	90.1	90.1	89.7
Johnston TC	116,138	114,155	98.3	98.3	98.1	98.0	97.6
Lenoir CC	150,212	146,130	97.3	97.2	97.2	99.0	99.0
Martin CC	110,951	108,464	97.8	97.8	97.7	97.5	97.5

Accessible Area As a Percentage of Assignable

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1986	1985	1984	1983	1982
Technical and Community Colleges:							
Mayland TC	35,269	34,605	98.1	98.1	98.1	100.0	100.0
McDowell TC	51,167	45,360	88.7	88.7	88.7	88.7	88.5
Mitchell CC	132,277	103,354	78.1	78.1	78.0	76.0	76.0
Montgomery TC	43,103	42,827	99.4	99.4	99.4	95.3	95.3
Nash TC	89,147	77,833	87.3	84.9	85.5	85.4	85.4
Pamlico TC	28,725	27,496	95.7	95.7	95.7	95.7	95.7
Piedmont TC	84,176	81,905	97.3	97.3	97.3	97.3	96.8
Pitt CC	112,045	99,257	88.6	88.6	88.6	88.6	88.4
Randolph TC	134,128	134,128	100.0	100.0	100.0	100.0	100.0
Richmond TC	87,218	76,532	87.7	87.7	87.7	83.6	83.9
Roanoke-Cho. TC	66,696	58,360	87.5	87.1	87.1	91.4	91.4
Robeson TC	93,202	88,904	95.4	95.4	95.4	95.2	95.2
Rockingham CC	156,324	146,076	93.4	93.4	93.4	93.4	87.3
Rowan TC	146,324	142,108	97.1	97.1	97.4	97.4	97.4
Sampson TC	53,828	50,171	93.2	93.2	93.3	93.4	92.2
Sandhills CC	145,196	133,126	91.7	91.7	91.7	91.7	91.2
Southeastern CC	123,180	99,487	80.8	78.7	78.7	78.7	78.8
Southwestern TC	81,414	78,439	96.3	96.3	96.3	96.3	95.8
Stanly TC	56,567	56,537	99.9	90.1	85.7	84.8	84.8
Surry CC	123,257	114,591	93.0	93.0	93.0	92.8	92.8
TC Alamance	105,896	105,064	99.2	99.2	99.1	99.1	99.1
Tri-County CC	64,171	61,292	95.5	95.5	95.6	95.5	95.5
Vance-Granv. CC	95,005	83,864	88.3	87.2	87.2	87.2	90.3
Wake TC	186,483	159,366	85.5	85.5	85.5	84.2	84.0
Wayne CC	132,516	121,083	91.4	91.3	91.1	91.1	90.9
W. Piedmont CC	103,760	96,154	92.7	92.7	92.0	94.5	94.5
Wilkes CC	148,803	143,973	96.8	97.1	97.1	97.9	97.9
Wilson Co. TC	118,324	116,590	98.5	98.4	98.4	98.4	98.4
TOTAL	7,194,035	6,506,787	90.4	90.2	90.4	90.2	89.6

TABLE 25:
ACCESSIBLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has assignable space under the program or subprogram but that none of it is accessible. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible space is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Accessible Area
by Summary Programs

Table 25

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Major Research Universities:											
NC State	2,168,376	70.5	67.2	62.5	86.6	26.8	63.8	62.8	-	32.4	52.0
NC State Vet.	196,557	74.5	96.5	99.8	96.9	90.5	19.2	100.0	-	-	-
UNC-Chapel Hill	2,308,977	74.0	85.3	62.0	73.8	21.8	60.1	72.0	-	49.4	81.8
UNC-Health Aff.	1,016,965	83.9	83.1	94.3	84.5	100.0	71.6	77.5	-	79.7	78.5
SUBTOTAL	5,690,875	73.9	76.4	74.7	79.2	24.3	61.2	67.8	-	53.1	81.3
Other Doctoral Universities:											
UNC-Greensboro	988,809	86.9	99.3	0.0	96.0	34.3	50.3	93.1	-	-	0.6
Comprehensive Universities:											
Appalachian	943,099	67.5	87.4	77.0	92.0	30.1	65.2	63.4	-	100.0	35.0
East Carolina	848,944	70.1	87.4	100.0	97.9	15.0	45.5	54.7	-	-	85.1
ECU-Health Aff.	382,241	95.4	100.0	100.0	99.9	44.7	-	11.4	-	-	-
Fayetteville	202,589	63.6	60.1	10.7	73.3	13.0	74.4	20.4	-	0.0	16.1
NC A & T	623,468	56.8	54.7	6.5	73.0	21.5	79.2	81.3	-	0.0	0.0
NC Central	404,617	62.4	0.0	100.0	86.2	13.5	8.1	0.0	-	0.0	4.9
UNC-Charlotte	1,151,722	98.5	100.0	-	100.0	66.4	100.0	100.0	-	-	-
UNC-Wilmington	380,615	81.3	32.9	-	86.8	30.3	55.6	86.7	-	33.1	5.5
West'n Carolina	1,006,978	85.2	98.5	100.0	98.7	48.2	42.8	48.1	-	47.7	42.6
SUBTOTAL	5,944,273	75.1	73.8	86.0	91.2	31.6	56.9	58.7	-	33.6	28.3
Gen. Baccalaureate Universities:											
Elizabeth City	306,480	80.8	-	100.0	98.5	37.9	51.3	100.0	-	-	62.7
Pembroke	237,012	78.1	100.0	100.0	36.6	33.8	58.4	88.7	-	-	1.6
UNC-Asheville	261,486	70.9	100.0	100.0	99.6	65.2	55.2	100.0	-	15.0	89.2
Winston-Salem	244,540	65.3	31.7	80.5	24.7	41.0	11.7	94.1	-	100.0	8.6
SUBTOTAL	1,049,518	73.6	59.7	99.4	65.2	42.4	46.6	95.6	-	32.7	30.6
Specialized Institution:											
NC Sch. of Arts	203,790	88.5	-	100.0	91.6	16.5	43.7	99.2	-	-	-
Teaching Hospital:											
NC Mem. Hosp.	626,104	-	100.0	93.4	-	-	73.2	52.5	-	100.0	89.2
Technical and Community Colleges:											
SUBTOTAL	6,506,787	90.5	-	97.2	94.9	94.1	85.3	73.0	-	96.9	71.8
PRIVATE INSTITUTIONS											
Major Research Universities:											
SUBTOTAL	4,227,905	75.0	72.2	87.6	88.2	32.4	47.9	39.5	-	78.9	60.0
Gen. Baccalaureate Colleges:											
SUBTOTAL	3,941,923	53.5	55.1	24.3	73.0	29.5	20.4	37.7	-	8.4	15.5
Junior Colleges:											
SUBTOTAL	689,466	62.4	-	0.0	69.9	37.6	19.0	56.7	-	-	23.6
GRAND TOTAL	29,869,450	75.9	75.0	87.1	84.8	33.0	46.8	57.2	-	58.7	46.9

Accessible Area
by Summary Programs

Table 25

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	Instruction 10	Research 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unassigned 00
Technical and Community Colleges:											
Anson TC	40,975	78.8	-	-	82.2	96.2	96.7	100.0	-	-	86.2
Ashev'le-Bun. TC	140,920	72.8	-	-	83.9	100.0	60.1	98.5	-	-	0.0
Beaufort Co. CC	90,782	90.9	-	-	91.1	83.6	100.0	100.0	-	-	100.0
Bladen TC	68,494	94.2	-	-	100.0	96.3	99.5	100.0	-	100.0	100.0
Blue Ridge TC	85,851	99.3	-	100.0	100.0	99.4	97.9	100.0	-	-	-
Brunswick TC	43,244	73.3	-	100.0	100.0	90.9	100.0	100.0	-	-	38.9
Caldwell CC & TI	113,202	86.1	-	100.0	100.0	97.6	100.0	100.0	-	100.0	-
Cape Fear TI	133,142	97.8	-	100.0	100.0	90.6	99.4	-	-	0.0	-
Carteret TC	104,980	92.6	-	100.0	91.1	92.6	100.0	0.0	-	98.6	0.0
Catawba Vy. TC	116,523	67.3	-	-	100.0	100.0	48.5	-	-	-	100.0
C. Carolina TC	99,153	97.1	-	-	97.9	99.8	99.4	89.9	-	-	-
C. Piedmont CC	391,672	92.4	-	100.0	94.5	99.3	96.4	0.0	-	-	100.0
Cleveland TC	113,583	95.5	-	-	100.0	100.0	100.0	53.4	-	-	84.7
Coastal Car. CC	147,036	100.0	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Col. Albemarle	94,874	99.8	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Craven CC	91,089	99.2	-	100.0	100.0	100.0	100.0	-	-	-	-
Davidson Co. CC	144,613	100.0	-	-	99.1	98.8	99.6	100.0	-	-	-
Durham TCC	129,309	95.1	-	37.0	100.0	95.1	94.1	78.5	-	-	100.0
Edgecombe TC	65,757	76.3	-	-	72.2	96.1	100.0	80.4	-	-	-
Fayettev'le TI	203,599	91.9	-	-	96.2	96.7	78.3	16.1	-	-	-
Forsyth TC	278,005	97.5	-	100.0	98.8	98.6	98.1	100.0	-	-	100.0
Gaston Col.	179,098	95.8	-	100.0	88.8	94.2	63.4	100.0	-	100.0	100.0
Guilford TCC	258,037	63.4	-	100.0	91.0	85.0	53.9	8.5	-	100.0	100.0
Halifax CC.	79,687	97.8	-	100.0	100.0	100.0	96.2	79.2	-	-	100.0
Haywood TC	158,292	84.2	-	100.0	94.4	100.0	100.0	98.8	-	100.0	100.0
Isothermal CC	117,651	88.6	-	100.0	37.0	74.2	87.1	100.0	-	-	-
J. Sprunt CC	69,988	92.1	-	-	97.1	92.4	75.6	65.3	-	-	-
Johnston TC	114,155	99.7	-	-	100.0	100.0	91.6	100.0	-	-	19.9
Lenoir CC	146,130	96.6	-	100.0	98.3	98.1	100.0	100.0	-	-	-
Martin CC	108,464	99.1	-	100.0	98.6	98.6	90.8	84.3	-	47.9	-
Mayland TC	34,605	97.4	-	-	100.0	100.0	100.0	-	-	-	-
McDowell TC	45,360	85.6	-	-	100.0	96.7	91.3	100.0	-	-	-
Mitchell CC	103,354	83.8	-	-	89.6	53.3	75.1	0.0	-	0.0	83.4
Montgomery TC	42,827	99.6	-	-	97.8	100.0	99.2	-	-	-	-
Nash TC	77,833	84.8	-	-	92.0	87.0	86.3	100.0	-	100.0	98.2
Pamlico TC	27,496	99.9	-	100.0	100.0	100.0	98.1	0.0	-	-	-
Piedmont TC	81,905	95.2	-	99.0	100.0	100.0	99.1	100.0	-	-	100.0
Pitt CC	99,257	87.8	-	-	98.4	80.6	86.0	100.0	-	-	86.4
Randolph TC	134,128	100.0	-	-	100.0	100.0	100.0	100.0	-	-	-
Richmond TC	76,532	89.3	-	-	90.0	82.1	100.0	0.0	-	-	-
Roanoke-Cho. TC	58,360	83.5	-	-	100.0	98.0	88.4	88.8	-	-	-
Robeson TC	88,904	96.0	-	-	82.7	100.0	95.8	100.0	-	-	100.0
Rockingham CC	146,076	90.2	-	-	100.0	99.7	99.8	100.0	-	-	100.0
Rowan TC	142,108	98.6	-	-	92.6	99.4	84.8	100.0	-	-	-
Sampson TC	50,171	92.8	-	-	100.0	100.0	86.4	-	-	100.0	-
Sandhills CC	133,126	93.8	-	0.0	99.8	98.8	58.9	94.4	-	-	-
Southeastern CC	99,487	77.9	-	100.0	87.7	78.1	90.3	100.0	-	-	-
Southwestern TC	78,439	100.0	-	-	100.0	100.0	98.3	0.0	-	-	-
Stanly TC	56,537	100.0	-	100.0	100.0	100.0	99.3	100.0	-	-	100.0
Surry CC	114,591	90.9	-	100.0	100.0	94.9	96.5	100.0	-	-	-
TC Alamance	105,064	99.8	-	100.0	100.0	100.0	90.8	100.0	-	-	-
Tri-County CC	61,292	98.9	-	-	79.9	100.0	73.8	-	-	-	-
Vance-Granv. CC	83,864	94.6	-	100.0	100.0	95.9	54.6	100.0	-	-	-
Wake TC	159,366	88.0	-	-	98.7	88.3	73.5	62.0	-	-	0.0
Wayne CC	121,083	90.2	-	-	89.4	98.1	97.5	100.0	-	-	-
W. Piedmont CC	96,154	97.8	-	100.0	91.0	99.6	100.0	4.7	-	-	-
Wilkes CC	143,973	97.7	-	-	100.0	92.3	99.6	100.0	-	96.8	-
Wilson Co. TC	116,590	100.0	-	-	100.0	100.0	87.2	100.0	-	-	-
TOTAL	6,506,787	90.5	-	97.2	94.9	94.1	85.3	73.0	-	96.9	71.8

Instruction, Research & Public Service

Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18
Major Research Universities:								
NC State	70.4	-	90.7	-	100.0	-	-	-
NC State Vet.	74.5	-	-	-	-	-	-	-
UNC-Chapel Hill	73.8	-	0.0	100.0	100.0	-	-	-
UNC-Health Aff.	84.3	-	100.0	74.8	49.0	-	-	-
SUBTOTAL	73.8	-	81.0	84.3	85.2	-	-	-
Other Doctoral Universities:								
UNC-Greensboro	87.1	-	15.7	-	-	-	-	-
Comprehensive Universities:								
Appalachian	68.8	-	-	54.8	-	-	-	-
East Carolina	70.1	-	-	-	-	-	-	-
ECU-Health Aff.	95.4	-	-	-	-	-	-	-
Fayetteville	62.5	-	-	100.0	-	-	-	-
NC A & T	56.9	-	100.0	0.0	-	-	-	-
NC Central	64.0	-	6.4	-	-	-	-	-
UNC-Charlotte	98.5	-	-	-	-	-	-	-
UNC-Wilmington	82.3	-	-	-	0.0	-	-	-
West'n Carolina	85.0	-	100.0	100.0	100.0	100.0	-	-
SUBTOTAL	75.6	-	25.9	57.9	28.0	100.0	-	-
Gen. Baccalaureate Universities:								
Elizabeth City	82.2	-	0.0	-	-	-	-	-
Pembroke	78.7	-	0.0	-	-	-	-	-
UNC-Asheville	70.7	-	100.0	-	-	-	-	-
Winston-Salem	64.6	-	100.0	-	-	-	-	-
SUBTOTAL	73.9	-	51.5	-	-	-	-	-

Instruction, Research & Public Service Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Commu-nity Svc. 33	Coop. Exten. Svc. 34	Public Broad Svc. 35	INSTITUTION
							Major Research Universities:
-	67.2	-	-	93.2	35.0	-	NC State
-	96.5	99.6	100.0	-	-	-	NC State Vet.
72.4	86.3	-	-	74.8	-	0.0	UNC-Chapel Hill
60.7	84.4	96.5	98.3	49.1	-	-	UNC-Health Aff.
65.6	76.7	97.8	99.1	84.9	35.0	0.0	SUBTOTAL
							Other Doctoral Universities:
-	99.3	-	-	-	0.0	-	UNC-Greensboro
							Comprehensive Universities:
-	87.4	-	-	77.0	-	-	Appalachian
-	87.4	-	-	100.0	-	-	East Carolina
-	100.0	100.0	100.0	100.0	-	-	ECU-Health Aff.
-	60.1	-	-	0.0	-	100.0	Fayetteville
100.0	52.3	-	-	0.0	13.5	-	NC A & T
0.0	0.0	-	-	100.0	-	-	NC Central
100.0	100.0	-	-	-	-	-	UNC-Charlotte
0.0	100.0	-	-	-	-	-	UNC-Wilmington
-	98.5	-	-	100.0	-	-	West'n Carolina
34.3	79.2	100.0	100.0	80.5	13.5	100.0	SUBTOTAL
							Gen. Baccalaureate Universities:
-	-	-	-	100.0	-	100.0	Elizabeth City
-	100.0	-	-	100.0	-	-	Pembroke
100.0	100.0	-	-	100.0	-	-	UNC-Asheville
-	31.7	-	-	80.5	-	-	Winston-Salem
100.0	57.5	-	-	99.4	-	100.0	SUBTOTAL

Instruction, Research & Public Service Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
Specialized Institution:								
NC Sch. of Arts	88.5	-	-	-	-	-	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Technical and Community Colleges:								
SUBTOTAL	91.4	91.0	90.1	78.7	87.6	100.0	90.7	86.1
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	75.5	100.0	5.6	95.9	9.0	-	-	10.3
Gen. Baccalaureate Colleges:								
SUBTOTAL	53.7	0.0	17.6	89.5	0.0	0.0	-	-
Junior Colleges:								
SUBTOTAL	62.2	-	85.9	-	-	-	-	-
GRAND TOTAL	71.1	91.0	65.7	73.2	80.0	98.9	90.7	84.5

Instruction, Research & Public Service Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

Inst. & Res. Ctrs. 21	Indiv. Project Res. 22	Direct Patient Care 31	Health Care Svc. 32	Commu-nity Svc. 33	Coop. Exten. Svc. 34	Public Broad Svc. 35	INSTITUTION
							Specialized Institution:
-	-	-	-	100.0	-	-	NC Sch. of Arts
							Teaching Hospital:
-	100.0	97.8	91.4	-	-	-	NC Mem. Hosp.
							Technical and Community Colleges:
-	-	-	-	97.1	100.0	100.0	SUBTOTAL
			PRIVATE INSTITUTIONS				
							Major Research Universities:
-	72.2	99.0	82.6	24.7	-	100.0	SUBTOTAL
							Gen. Baccalaureate Colleges:
-	55.1	-	-	24.3	-	-	SUBTOTAL
							Junior Colleges:
-	-	-	-	0.0	-	-	SUBTOTAL
56.8	75.5	98.5	86.9	83.8	34.6	27.2	GRAND TOTAL

Instruction, Research & Public Service

Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Technical and Community Colleges:									
Anson TC	-	80.8	0.0	55.4	74.2	-	-	-	-
Ashev'le-Bun. TC	-	72.5	100.0	40.2	100.0	-	-	-	-
Beaufort Co. CC	100.0	90.9	-	85.7	-	-	-	-	-
Bladen TC	-	94.4	-	100.0	60.2	100.0	100.0	-	-
Blue Ridge TC	-	99.2	-	100.0	100.0	-	-	-	100.0
Brunswick TC	-	72.1	-	-	100.0	-	100.0	-	100.0
Caldwell CC & TI	73.6	89.0	100.0	-	-	-	-	-	100.0
Cape Fear TI	100.0	97.7	-	100.0	100.0	-	-	-	100.0
Carteret TC	-	93.7	0.0	100.0	30.2	-	-	80.1	100.0
Catawba Vy. TC	-	65.6	100.0	100.0	-	-	-	100.0	-
C. Carolina TC	-	96.8	-	100.0	100.0	-	-	-	-
C. Piedmont CC	97.3	90.1	100.0	100.0	100.0	100.0	-	-	100.0
Cleveland TC	-	95.6	-	100.0	93.5	-	-	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Col. Albemarle	100.0	99.8	100.0	100.0	100.0	-	-	-	100.0
Craven CC**	100.0	99.0	100.0	100.0	-	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	-	-	100.0	-	-
Durham TCC	-	100.0	100.0	100.0	4.8	-	-	-	37.0
Edgecombe TC	-	76.5	-	74.1	-	-	-	-	-
Fayettev'le TI	100.0	91.8	-	100.0	-	-	-	-	-
Forsyth TC	-	96.8	100.0	100.0	100.0	-	100.0	100.0	100.0
Gaston Col.	98.6	94.6	100.0	100.0	100.0	100.0	-	-	100.0
Guilford TCC*	100.0	64.2	100.0	10.0	83.7	100.0	-	54.0	100.0
Halifax CC	96.0	99.9	68.8	100.0	100.0	-	-	100.0	100.0
Haywood TC	-	81.7	-	100.0	93.5	-	-	100.0	100.0
Isothermal CC**	91.4	94.3	100.0	56.6	33.5	-	100.0	49.8	-
J. Sprunt CC	-	94.0	100.0	27.0	-	-	-	-	-
Johnston TC	-	99.6	-	100.0	-	-	-	-	-
Lenoir CC*	97.2	98.3	-	91.0	100.0	-	17.9	-	-
Martin CC*	100.0	98.8	-	100.0	-	-	100.0	-	-

*34 (Coop. Exten. Svc.): Guilford TCC - 100.0, Lenoir CC - 100.0, Martin CC - 100.0, Subtotal - 100.0

Instruction, Research & Public Service

Subprograms

Table 25a (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr. 11	Voc. Tech. Instr. 12	Prep. Remed. Instr. 13	Gen'l Studies 14	Occup. Relatd Instr. 15	Social Roles Instr. 16	Home & Family Life 17	Pers. Int. Leis. Instr. 18	Commu-nity Svc. 33
Technical and Community Colleges:									
Mayland TC	-	99.6	-	24.2	-	-	-	-	-
McDowell TC	-	87.8	0.0	0.0	100.0	-	-	-	-
Mitchell CC	67.3	100.0	100.0	76.5	100.0	-	-	-	-
Montgomery TC	-	99.6	-	-	-	-	-	-	-
Nash TC	-	82.3	28.4	100.0	100.0	100.0	100.0	100.0	-
Pamlico TC	-	99.9	-	-	-	-	-	-	100.0
Piedmont TC	-	94.8	100.0	100.0	100.0	-	100.0	-	99.0
Pitt CC	90.2	88.9	0.0	62.3	-	-	-	-	-
Randolph TC	-	100.0	-	100.0	100.0	-	-	-	-
Richmond TC	-	90.6	100.0	74.9	29.1	-	-	-	-
Roanoke-Cho. TC	-	82.1	-	100.0	-	-	-	-	-
Robeson TC	-	96.7	-	61.8	-	-	-	-	-
Rockingham CC	86.1	95.0	-	100.0	100.0	-	-	-	-
Rowan TC	-	98.6	-	-	100.0	-	-	-	-
Sampson TC	-	91.5	-	100.0	-	-	-	-	-
Sandhills CC	92.8	96.7	100.0	53.1	0.0	-	0.0	-	0.0
Southeastern CC	90.2	76.5	0.0	85.8	-	-	-	-	100.0
Southwestern TC	-	100.0	-	-	-	-	-	100.0	-
Stanly TC**	-	100.0	-	-	100.0	-	-	-	100.0
Surry CC	80.1	95.5	100.0	100.0	100.0	-	-	-	100.0
TC Alamance	-	99.7	-	100.0	100.0	-	-	-	100.0
Tri-County CC	100.0	99.9	-	91.4	-	-	100.0	0.0	-
Vance-Granv. CC	100.0	93.6	100.0	100.0	100.0	-	-	-	100.0
Wake TC	-	89.1	100.0	100.0	42.7	-	-	-	-
Wayne CC	58.9	96.2	100.0	71.7	-	-	-	-	-
W. Piedmont CC	97.0	99.4	-	86.4	100.0	-	-	-	100.0
Wilkes CC	100.0	96.6	-	100.0	-	-	-	-	-
Wilson Co. TC	-	100.0	100.0	100.0	100.0	-	100.0	-	-
TOTAL	91.4	91.0	90.1	78.7	87.6	100.0	90.7	86.1	97.1

**35 (Public Broad. Svc.): Craven CC - 100.0, Isothermal CC - 100.0, Stanly TC - 100.0, Subtotal - 100.0

Academic Support
Subprograms

Table 25b (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Major Research Universities:								
NC State	98.5	-	95.8	76.5	0.0	65.0	-	-
NC State Vet.	96.9	-	85.3	-	-	100.0	-	-
UNC-Chapel Hill	76.4	97.5	89.5	58.1	0.0	60.3	-	84.3
UNC-Health Aff.	99.9	-	91.4	69.5	1.8	77.1	98.3	100.0
SUBTOTAL	83.9	97.5	91.5	70.5	0.5	68.9	98.3	84.5
Other Doctoral Universities:								
UNC-Greensboro	99.7	100.0	100.0	100.0	88.7	8.2	-	-
Comprehensive Universities:								
Appalachian	100.0	100.0	100.0	92.4	25.1	74.6	100.0	100.0
East Carolina	100.0	100.0	100.0	100.0	100.0	85.6	-	-
ECU-Health Aff.	100.0	-	100.0	-	100.0	99.6	-	-
Fayetteville	100.0	85.3	0.0	100.0	0.0	89.3	-	-
NC A & T	99.7	78.6	100.0	100.0	57.2	58.5	-	-
NC Central	100.0	76.6	84.7	28.5	33.0	55.5	-	-
UNC-Charlotte	100.0	100.0	100.0	-	-	99.9	-	-
UNC-Wilmington	94.1	-	-	0.0	-	68.8	-	100.0
West'n Carolina	100.0	100.0	100.0	100.0	97.1	94.8	-	-
SUBTOTAL	99.6	94.0	86.9	71.7	77.0	78.8	100.0	100.0
Gen. Baccalaureate Universities:								
Elizabeth City	100.0	100.0	100.0	100.0	90.4	85.0	-	-
Pembroke	0.0	100.0	100.0	100.0	-	64.3	-	-
UNC-Asheville	100.0	100.0	100.0	100.0	-	84.2	-	-
Winston-Salem	12.0	0.0	95.1	100.0	16.2	41.2	-	-
SUBTOTAL	61.4	70.2	99.1	100.0	68.0	54.8	-	-

Academic Support
Subprograms

Table 25b (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs. 41	Museum & Galleries 42	Educ. Media Svcs. 43	Acad. Comput. Spt. 44	Ancil-lary Spt. 45	Acad. Admin. 46	Course & Curr. Devel. 47	Acad. Pers. Dev. 48
Specialized Institution:								
NC Sch. of Arts	100.0	50.4	100.0	100.0	-	67.3	-	-
Teaching Hospital:								
NC Mem. Hosp.	-	-	-	-	-	-	-	-
Technical and Community Colleges:								
SUBTOTAL	96.2	97.7	93.0	100.0	90.1	90.7	100.0	100.0
PRIVATE INSTITUTIONS								
Major Research Universities:								
SUBTOTAL	93.7	40.8	88.6	78.8	55.0	79.1	-	100.0
Gen. Baccalaureate Colleges:								
SUBTOTAL	76.1	83.8	73.0	49.8	23.9	53.2	-	0.0
Junior Colleges:								
SUBTOTAL	75.3	0.0	-	59.0	-	53.6	-	-
GRAND TOTAL	88.7	80.9	89.2	77.1	72.7	74.3	99.4	93.3

Academic Support
Subprograms

Table 25b (Percentages relate to assignable space in each subprogram.

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Technical and Community Colleges:								
Anson TC	100.0	-	100.0	-	-	20.7	-	-
Ashev'le-Bun. TC	100.0	-	100.0	-	-	38.4	-	-
Beaufort Co. CC	100.0	-	100.0	-	-	40.4	-	-
Bladen TC	100.0	-	100.0	-	-	100.0	-	-
Blue Ridge TC	100.0	-	100.0	-	-	100.0	-	-
Brunswick TC	100.0	-	-	-	-	100.0	-	-
Caldwell CC & TI	100.0	-	100.0	-	-	100.0	-	-
Cape Fear TI	100.0	-	100.0	-	-	100.0	-	-
Carteret TC	100.0	-	100.0	-	-	37.9	100.0	-
Catawba Vy. TC	100.0	100.0	100.0	-	-	100.0	-	-
C. Carolina TC	97.3	-	100.0	-	-	100.0	-	-
C. Piedmont CC	100.0	-	88.2	-	67.5	100.0	-	-
Cleveland TC	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	-	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven CC	100.0	-	100.0	-	-	100.0	-	-
Davidson Co. CC	98.5	-	100.0	100.0	100.0	100.0	-	-
Durham TCC	100.0	-	100.0	-	-	100.0	-	100.0
Edgecombe TC	63.2	-	83.5	100.0	-	91.8	100.0	-
Fayettev'le TI	98.2	-	90.0	-	-	97.3	-	-
Forsyth TC	100.0	-	84.0	100.0	-	100.0	-	-
Gaston Col.	100.0	100.0	100.0	100.0	41.1	100.0	-	-
Guilford TCC	89.8	-	100.0	-	-	94.4	100.0	-
Halifax CC	100.0	-	-	-	-	100.0	-	-
Haywood TC	100.0	100.0	50.4	-	100.0	100.0	-	-
Isothermal CC	0.0	-	100.0	-	99.1	100.0	-	-
J. Sprunt CC	100.0	-	0.0	-	-	100.0	-	100.0
Johnston TC	100.0	-	100.0	-	-	100.0	-	-
Lenoir CC	99.7	-	-	-	-	87.1	-	-
Martin CC	100.0	-	-	-	-	88.5	-	-

Academic Support

Subprograms

Table 25b (Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil-lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
Technical and Community Colleges:								
Mayland TC	100.0	-	-	-	-	100.0	-	-
McDowell TC	100.0	100.0	-	-	-	100.0	-	-
Mitchell CC	99.7	83.9	100.0	-	-	41.2	-	-
Montgomery TC	100.0	-	-	-	93.7	100.0	-	-
Nash TC	90.7	-	-	-	-	100.0	-	-
Pamlico TC	100.0	-	100.0	-	-	100.0	-	-
Piedmont TC	100.0	-	100.0	100.0	100.0	100.0	-	-
Pitt CC	100.0	100.0	100.0	-	95.6	100.0	-	-
Randolph TC	100.0	-	100.0	-	-	100.0	-	-
Richmond TC	89.2	-	100.0	-	-	100.0	-	-
Roanoke-Cho. TC	100.0	-	-	-	-	100.0	-	-
Robeson TC	74.8	-	100.0	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	-	-	100.0	-	-
Rowan TC	100.0	-	100.0	-	-	43.0	-	-
Sampson TC	100.0	-	-	-	-	100.0	-	-
Sandhills CC	99.7	-	100.0	-	-	100.0	-	-
Southeastern CC	86.7	-	100.0	100.0	-	100.0	-	-
Southwestern TC	100.0	-	100.0	-	-	100.0	-	-
Stanly TC	100.0	-	-	-	-	100.0	-	-
Surry CC	100.0	-	100.0	-	-	100.0	-	-
TC Alamance	100.0	-	100.0	-	100.0	100.0	-	-
Tri-County CC	78.6	-	-	-	-	100.0	-	-
Vance-Granv. CC	100.0	-	-	100.0	100.0	100.0	-	-
Wake TC	100.0	-	94.6	100.0	-	100.0	-	-
Wayne CC	92.6	-	65.8	-	-	100.0	-	-
W. Piedmont CC	100.0	-	48.9	-	-	100.0	-	-
Wilkes CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson Co. TC	100.0	-	100.0	-	100.0	100.0	-	-
TOTAL	96.2	97.7	93.0	100.0	90.1	90.7	100.0	100.0

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin. 51	Social/ Cultur. Devel. 52	Coun/ Career Guid. 53	Finan. Aid Admin. 54	Student Auxiliary Service 55	Inter-colleg. Athl. 56	Stud. Health/ Med. Svc. 57	Physical Plant Admin. 71	Build-ing Maint. 72	Custo-dial Svcs. 73	Util-ities 74	Landscp. Grounds Maint. 75
Major Research Universities:												
NC State	100.0	84.5	97.7	0.0	14.9	62.7	98.2	64.5	94.4	19.6	13.1	21.2
NC State Vet.	-	100.0	-	-	90.3	-	-	-	100.0	100.0	-	-
UNC-Chapel Hill	0.0	81.7	60.5	0.0	15.2	21.8	96.0	95.8	76.3	63.5	59.2	77.8
UNC-Health Aff.	100.0	100.0	100.0	100.0	100.0	-	-	-	-	77.5	-	-
SUBTOTAL	45.6	83.3	78.5	5.9	15.5	34.6	96.6	74.2	85.8	65.0	38.1	63.1
Other Doctoral Universities:												
UNC-Greensboro	89.2	65.9	46.1	79.0	28.1	-	97.7	89.4	100.0	-	93.8	-
Comprehensive Universities:												
Appalachian	32.4	71.2	93.7	100.0	19.3	82.3	99.6	50.5	67.2	100.0	100.0	-
East Carolina	0.0	65.0	54.0	80.9	6.6	47.0	-	13.5	69.9	0.0	-	-
ECU-Health Aff.	-	-	-	-	-	-	44.7	100.0	9.1	-	-	-
Fayetteville	100.0	36.7	100.0	100.0	6.8	37.1	0.0	0.0	0.0	-	-	100.0
NC A & T	100.0	67.6	100.0	57.4	10.7	28.4	100.0	100.0	82.8	100.0	0.0	100.0
NC Central	0.0	43.5	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0	-	0.0
UNC-Charlotte	100.0	94.7	100.0	100.0	62.1	93.9	92.2	100.0	100.0	100.0	-	-
UNC-Wilmington	99.7	74.4	94.4	100.0	16.0	50.3	99.5	77.5	88.6	-	100.0	-
West'n Carolina	100.0	97.3	100.0	100.0	35.6	86.4	41.6	42.6	38.7	73.7	100.0	-
SUBTOTAL	65.2	72.2	80.7	74.2	22.8	51.2	68.3	52.5	56.5	64.8	90.4	83.5
Gen. Baccalaureate Universities:												
Elizabeth City	100.0	98.4	100.0	-	28.1	92.4	0.0	100.0	100.0	-	-	-
Pembroke	100.0	73.1	93.9	100.0	17.9	100.0	78.2	68.0	100.0	71.0	-	100.0
UNC-Asheville	100.0	100.0	100.0	0.0	66.1	0.0	0.0	100.0	100.0	-	100.0	100.0
Winston-Salem	0.0	98.1	47.8	0.0	32.1	69.1	0.0	100.0	91.9	-	100.0	-
SUBTOTAL	51.6	88.0	93.8	26.1	33.6	61.2	19.7	91.0	96.8	71.0	100.0	100.0
Specialized Institution:												
NC Sch. of Arts	0.0	83.1	0.0	-	2.3	-	0.0	97.0	100.0	-	-	-
Teaching Hospital:												
NC Mem. Hosp.	-	-	-	-	-	-	-	50.5	48.9	-	100.0	-
Technical and Community Colleges:												
SUBTOTAL	95.3	90.5	91.1	87.2	97.4	100.0	99.1	66.7	71.1	93.9	100.0	85.0
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	62.5	74.7	26.7	75.3	20.2	80.8	97.4	57.8	34.7	87.5	18.1	0.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	43.4	49.7	23.1	28.3	23.1	66.1	46.9	45.7	38.2	10.3	70.4	13.2
Junior Colleges:												
SUBTOTAL	76.3	60.2	62.8	36.2	32.6	58.6	39.5	38.2	64.9	37.4	0.0	100.0
GRAND TOTAL	68.2	67.8	71.5	54.7	24.1	53.3	66.9	60.9	57.5	61.7	44.8	59.7

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Coun/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter-colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build-ing Maint.	Custo-dial Svcs.	Util-ities	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
Technical and Community Colleges:												
Anson TC	100.0	92.0	-	100.0	100.0	-	-	-	100.0	-	-	-
Ashev'le-Bun. TC	100.0	100.0	100.0	100.0	100.0	-	-	93.3	100.0	100.0	-	100.0
Beaufort Co. CC	100.0	72.1	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Bladen TC	100.0	95.7	100.0	-	100.0	-	-	-	100.0	-	-	-
Blue Ridge TC	100.0	99.2	100.0	100.0	100.0	-	-	-	100.0	-	-	100.0
Brunswick TC	100.0	-	100.0	100.0	87.4	-	-	-	100.0	-	-	-
Caldwell CC & TI	100.0	100.0	67.9	100.0	100.0	-	-	100.0	100.0	-	-	100.0
Cape Fear TI	100.0	100.0	100.0	100.0	78.8	-	-	-	-	-	-	-
Carteret TC	100.0	76.9	100.0	100.0	100.0	-	-	-	0.0	-	-	-
Catawba Vy. TC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
C. Carolina TC	100.0	100.0	100.0	100.0	100.0	-	45.7	89.9	-	-	-	-
C. Piedmont CC	100.0	96.9	100.0	100.0	100.0	-	-	0.0	0.0	0.0	-	0.0
Cleveland TC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	33.2	-	-	100.0
Coastal Car. CC	-	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Davidson Co. CC	100.0	95.6	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-
Durham TCC	100.0	49.7	100.0	-	100.0	-	-	-	99.0	100.0	-	0.0
Edgecombe TC	100.0	100.0	59.0	0.0	100.0	-	-	-	80.4	-	-	-
Fayettev'le TI	100.0	93.0	100.0	-	100.0	-	100.0	-	0.0	100.0	-	-
Forsyth TC	-	100.0	100.0	100.0	98.0	-	-	100.0	100.0	-	-	-
Gaston Col.	100.0	89.5	100.0	100.0	98.8	-	100.0	-	100.0	-	-	-
Guilford TCC	89.7	84.7	66.9	100.0	87.3	-	100.0	-	6.1	100.0	-	-
Halifax CC.	100.0	100.0	100.0	100.0	100.0	-	-	100.0	78.1	-	-	-
Haywood TC	100.0	100.0	-	100.0	100.0	-	-	100.0	100.0	100.0	-	98.4
Isothermal CC	100.0	44.3	100.0	-	95.4	-	-	100.0	100.0	100.0	-	-
J. Sprunt CC	74.4	84.5	100.0	100.0	100.0	-	-	-	65.3	-	-	-
Johnston TC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	100.0	-	-
Lenoir CC	100.0	100.0	100.0	100.0	96.1	100.0	-	-	100.0	-	-	100.0
Martin CC	53.7	100.0	100.0	100.0	100.0	-	-	26.7	100.0	-	-	-
Mayland TC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
McDowell TC	100.0	-	100.0	100.0	95.8	-	-	-	100.0	-	-	100.0
Mitchell CC	100.0	22.7	69.9	100.0	89.2	-	-	-	0.0	-	-	-
Montgomery TC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Nash TC	100.0	0.0	78.9	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Pamlico TC	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-	-
Piedmont TC	100.0	100.0	-	-	100.0	-	-	-	100.0	-	-	-
Pitt CC	32.0	-	100.0	29.7	100.0	-	-	-	100.0	100.0	-	-
Randolph TC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Richmond TC	100.0	100.0	100.0	100.0	80.1	-	100.0	-	0.0	-	-	-
Roanoke-Cho. TC	100.0	100.0	100.0	100.0	96.6	-	-	-	0.0	-	-	100.0
Robeson TC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Rockingham CC	100.0	100.0	100.0	100.0	99.3	-	-	100.0	100.0	-	-	100.0
Rowan TC	100.0	-	100.0	100.0	99.4	-	-	-	100.0	-	-	-
Sampson TC	100.0	-	100.0	100.0	100.0	-	-	-	-	-	-	-
Sandhills CC	100.0	89.7	100.0	100.0	99.9	-	-	-	96.3	56.7	100.0	-
Southeastern CC	100.0	92.7	0.0	0.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern TC	100.0	100.0	100.0	100.0	100.0	-	-	-	0.0	-	-	-
Stanly TC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Surry CC	100.0	88.9	82.3	100.0	100.0	-	-	100.0	100.0	-	-	-
TC Alamance	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Tri-County CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Vance-Granv. CC	100.0	100.0	91.3	100.0	96.8	-	-	-	100.0	-	-	-
Wake TC	100.0	84.4	96.4	100.0	85.7	-	100.0	100.0	58.3	-	-	100.0
Wayne CC	100.0	100.0	100.0	100.0	95.5	-	100.0	-	100.0	-	-	-
W. Piedmont CC	95.0	100.0	100.0	100.0	100.0	-	100.0	100.0	0.0	-	-	0.0
Wilkes CC	100.0	91.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Wilson Co. TC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-
TOTAL	95.3	90.5	91.1	87.2	97.4	100.0	99.1	66.7	71.1	93.9	100.0	85.0

Institutional Administration,
Independent Operations & Unassigned Subprograms

Table 25d

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt. 61	Fin. Mgmt. & Opns. 62	Gen. Adm. Log. Svc. 63	Admin. Comput Spt. 64	Fac/Staff Aux Svcs. 65	Public Rela/ Devel. 66	Stud. Recruit. Admiss. 67	Stud. Recd. 68	Indep. Opns. Inst. 91	Indep. Opns Ext. Agency 92	Unassigned Usable 01	Unassigned Unusable 02
Major Research Universities:												
NC State	18.9	55.0	72.5	100.0	26.6	1.8	100.0	100.0	23.5	41.6	59.1	41.6
NC State Vet.	-	-	19.2	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	13.2	58.8	78.1	91.4	0.0	5.6	52.2	100.0	30.3	86.4	43.3	84.5
UNC-Health Aff.	-	-	100.0	7.0	100.0	100.0	100.0	100.0	36.2	98.3	75.3	91.3
SUBTOTAL	14.8	56.8	75.3	88.2	8.1	6.3	72.7	100.0	30.2	84.6	62.8	84.7
Other Doctoral Universities:												
UNC-Greensboro	90.5	81.2	58.8	0.0	0.0	2.7	97.0	-	-	-	1.4	0.6
Comprehensive Universities:												
Appalachian	93.6	100.0	44.1	97.7	20.0	100.0	100.0	100.0	-	100.0	86.8	31.3
East Carolina	57.8	47.9	36.8	67.5	6.0	35.5	100.0	100.0	-	-	84.7	100.0
ECU-Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-
Fayetteville	100.0	100.0	86.7	-	17.4	100.0	100.0	100.0	0.0	0.0	16.1	-
NC A & T	80.6	90.9	100.0	100.0	41.0	91.8	100.0	100.0	-	0.0	0.0	-
NC Central	0.0	0.0	9.9	0.0	15.9	0.0	0.0	0.0	-	0.0	6.0	0.0
UNC-Charlotte	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
UNC-Wilmington	49.3	52.0	82.8	0.0	0.0	49.5	98.2	94.5	-	33.1	75.4	0.0
West'n Carolina	87.0	100.0	69.5	100.0	4.6	74.1	75.1	100.0	-	47.7	100.0	41.9
SUBTOTAL	74.9	79.0	61.0	67.3	16.8	63.7	84.2	91.2	0.0	33.7	28.9	27.7
Gen. Baccalaureate Universities:												
Elizabeth City	81.2	89.1	94.6	100.0	10.8	72.3	0.0	-	-	-	100.0	61.5
Pembroke	100.0	100.0	20.0	0.0	91.1	100.0	31.4	100.0	-	-	1.7	0.0
UNC-Asheville	29.7	29.0	60.7	100.0	30.9	96.8	100.0	94.4	-	15.0	-	89.2
Winston-Salem	9.5	0.0	16.5	-	17.4	0.0	0.0	0.0	-	100.0	5.4	23.2
SUBTOTAL	67.4	75.5	50.9	60.0	27.1	59.0	27.7	57.3	-	32.7	5.9	62.0
Specialized Institution:												
NC Sch. of Arts	31.7	100.0	67.7	100.0	17.6	49.8	100.0	100.0	-	-	-	-
Teaching Hospital:												
NC Mem. Hosp.	53.1	88.2	89.6	100.0	-	-	-	-	-	100.0	85.2	100.0
Technical and Community Colleges:												
SUBTOTAL	93.4	98.9	77.7	94.3	65.5	87.5	94.4	98.4	97.6	96.8	94.4	50.5
PRIVATE INSTITUTIONS												
Major Research Universities:												
SUBTOTAL	81.0	79.2	60.0	99.2	6.9	26.5	42.0	100.0	54.8	93.2	60.1	59.0
Gen. Baccalaureate Colleges:												
SUBTOTAL	41.7	46.4	33.4	33.5	7.8	25.8	42.0	48.1	0.5	12.7	22.1	10.0
Junior Colleges:												
SUBTOTAL	49.3	53.0	53.1	8.2	1.8	39.3	40.3	34.2	-	-	29.9	0.0
GRAND TOTAL	68.9	73.7	61.7	71.1	10.8	35.1	60.7	81.8	36.3	74.3	40.1	51.2

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 25d

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned Usable	Unassigned Unusable
	61	62	63	64	65	66	67	68	91	92	01	02
Technical and Community Colleges:												
Anson TC	100.0	100.0	100.0	0.0	-	-	-	-	-	-	86.2	-
Ashev'le-Bun. TC	5.6	100.0	63.7	0.0	63.6	-	100.0	100.0	-	-	0.0	0.0
Beaufort Co. CC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	-	100.0
Bladen TC	98.2	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	100.0
Blue Ridge TC	97.1	97.5	100.0	-	-	100.0	-	100.0	-	-	-	-
Brunswick TC	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-	100.0	0.0
Caldwell CC & TI	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	-	-
Cape Fear TI	100.0	100.0	98.8	100.0	-	100.0	-	100.0	-	0.0	-	-
Carteret TC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	98.6	-	0.0
Catawba Vy. TC	100.0	100.0	23.4	-	100.0	100.0	-	100.0	-	-	100.0	-
C. Carolina TC	98.2	100.0	100.0	-	100.0	-	-	100.0	-	-	-	-
C. Piedmont CC	100.0	100.0	99.4	100.0	66.9	100.0	100.0	100.0	-	-	-	100.0
Cleveland TC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	84.7	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Craven CC	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	98.6	100.0	100.0	100.0	-	-	-	-
Durham TCC	100.0	100.0	95.7	-	100.0	100.0	81.7	100.0	-	-	-	100.0
Edgecombe TC	100.0	100.0	100.0	-	100.0	-	-	100.0	-	-	-	-
Fayettev'le TI	100.0	100.0	48.5	85.0	100.0	100.0	100.0	89.4	-	-	-	-
Forsyth TC	99.2	100.0	100.0	-	100.0	100.0	100.0	85.8	-	-	100.0	100.0
Gaston Col.	63.8	100.0	48.5	-	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Guilford TCC	98.7	84.9	33.1	100.0	30.9	100.0	87.3	100.0	100.0	-	100.0	-
Halifax CC.	88.9	100.0	97.7	100.0	86.5	-	100.0	100.0	-	-	100.0	-
Haywood TC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	100.0	-
Isothermal CC	70.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
J. Sprunt CC	42.9	85.8	96.2	-	-	58.5	100.0	100.0	-	-	-	-
Johnston TC	93.3	100.0	99.5	100.0	19.2	-	100.0	100.0	-	-	19.9	-
Lenoir CC	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-	-	-	-
Martin CC	100.0	93.5	73.1	100.0	78.6	-	-	100.0	-	47.9	-	-
Mayland TC	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-	-
McDowell TC	94.4	98.8	94.6	-	0.0	0.0	-	100.0	-	-	-	-
Mitchell CC	100.0	100.0	62.7	-	100.0	0.0	100.0	100.0	-	0.0	83.4	-
Montgomery TC	97.3	100.0	100.0	-	-	-	100.0	100.0	-	-	-	-
Nash TC	96.7	100.0	69.0	100.0	100.0	100.0	-	100.0	-	100.0	-	98.2
Pamlico TC	100.0	94.7	100.0	-	-	-	-	100.0	-	-	-	-
Piedmont TC	97.8	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	100.0	-
Pitt CC	95.4	100.0	70.1	100.0	100.0	0.0	-	96.9	-	-	94.3	0.0
Randolph TC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-
Richmond TC	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-	-	-
Roanoke-Cho. TC	98.0	100.0	78.6	100.0	100.0	100.0	-	100.0	-	-	-	-
Robeson TC	97.9	100.0	94.1	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Rockingham CC	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Rowan TC	100.0	100.0	83.7	100.0	0.0	-	100.0	100.0	-	-	-	-
Sampson TC	95.1	100.0	64.7	100.0	-	-	100.0	100.0	100.0	-	-	-
Sandhills CC	96.0	100.0	98.3	100.0	4.7	75.8	0.0	100.0	-	-	-	-
Southeastern CC	93.6	100.0	100.0	0.0	-	0.0	-	100.0	-	-	-	-
Southwestern TC	100.0	100.0	100.0	-	-	100.0	-	71.9	-	-	-	-
Stanly TC	100.0	100.0	96.0	100.0	-	100.0	100.0	100.0	-	-	100.0	-
Surry CC	97.3	96.5	100.0	100.0	79.6	100.0	100.0	100.0	-	-	-	-
TC Alamance	98.7	100.0	100.0	-	43.5	100.0	100.0	100.0	-	-	-	-
Tri-County CC	100.0	100.0	58.0	100.0	100.0	-	-	100.0	-	-	-	-
Vance-Granv. CC	100.0	100.0	28.8	-	-	100.0	100.0	94.3	-	-	-	-
Wake TC	100.0	100.0	49.8	100.0	100.0	100.0	100.0	85.2	-	-	0.0	-
Wayne CC	100.0	100.0	97.7	69.6	-	100.0	-	100.0	-	-	-	-
W. Piedmont CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Wilkes CC	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	-	-	-
Wilson Co. TC	100.0	100.0	75.5	-	100.0	100.0	100.0	100.0	-	-	-	-
TOTAL	93.4	98.9	77.7	94.3	65.5	87.5	94.4	98.4	97.6	96.8	94.4	50.5

TABLE 26:
ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to insure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply insure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have assignable area under the indicated summary room code but that none of it was accessible. The chart on page 118 lists all of the room codes which comprise the summary codes used in this table.

Accessible Area by Room Codes

Table 26

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Major Research Universities:										
NC State	2,168,376	54.1	169,418	80.4	595,093	70.9	559,974	70.1	154,498	93.2
NC State Vet.	196,557	88.0	7,567	98.0	43,232	89.5	30,958	98.8	12,895	97.2
UNC-Chapel Hill	2,308,977	51.9	167,651	75.2	273,740	77.7	446,784	63.3	379,966	73.3
UNC-Health Aff.	1,016,965	84.0	45,721	82.3	357,540	86.3	341,679	77.5	63,823	95.5
SUBTOTAL	5,690,875	57.5	390,357	78.5	1,269,605	76.8	1,379,395	69.8	611,182	80.0
Other Doctoral Universities:										
UNC-Greensboro	988,809	59.1	125,940	95.3	149,064	93.4	217,308	75.5	141,774	98.2
Comprehensive Universities:										
Appalachian	943,099	51.6	117,815	83.2	95,914	73.6	208,377	76.7	106,850	99.5
East Carolina	848,944	44.8	99,861	68.9	182,529	74.5	167,594	65.7	124,656	96.6
ECU-Health Aff.	382,241	94.0	33,995	100.0	133,785	99.9	106,554	98.5	39,009	99.6
Fayetteville	202,589	40.8	22,617	57.5	42,046	74.7	54,557	75.3	26,227	87.6
NC A & T	623,468	46.2	71,890	59.8	90,509	43.6	142,316	64.9	54,510	91.2
NC Central	404,617	40.0	65,879	59.0	41,790	49.7	63,721	40.1	98,007	87.1
UNC-Charlotte	1,151,722	83.8	93,886	99.3	215,164	98.5	227,899	100.0	104,019	100.0
UNC-Wilmington	380,615	52.4	46,088	89.4	55,123	78.0	88,907	70.1	42,989	98.2
West'n Carolina	1,006,978	65.7	85,252	86.8	119,568	94.7	171,616	87.6	119,148	100.0
SUBTOTAL	5,944,273	56.0	637,283	76.2	976,428	76.7	1,231,541	75.3	715,415	96.1
Gen. Baccalaureate Universities:										
Elizabeth City	306,480	60.8	19,458	66.5	36,994	85.7	37,374	80.8	32,084	89.3
Pembroke	237,012	54.1	37,549	78.6	28,692	84.2	45,227	78.3	5,864	20.3
UNC-Asheville	261,486	73.9	23,135	97.9	34,320	89.7	39,059	78.4	38,726	92.9
Winston-Salem	244,540	41.8	34,296	55.9	17,056	37.7	28,248	43.4	3,850	14.0
SUBTOTAL	1,049,518	55.8	114,438	70.6	117,062	72.8	149,908	68.4	80,524	60.1
Specialized Institution:										
NC Sch. of Arts	203,790	62.9	13,018	100.0	99,595	94.0	30,124	71.2	17,677	94.9
Teaching Hospital:										
NC Mem. Hosp.	626,104	92.2	-	-	160	100.0	164,342	85.5	4,181	100.0
Technical and Community Colleges:										
SUBTOTAL	6,506,787	90.4	1,146,125	90.5	2,479,176	91.2	984,366	91.8	572,617	95.2
PRIVATE INSTITUTIONS										
Major Research Universities:										
SUBTOTAL	4,227,905	61.4	177,609	77.2	650,117	79.9	1,079,400	77.3	522,050	92.5
Gen. Baccalaureate Colleges:										
SUBTOTAL	3,941,923	38.1	355,412	51.0	356,816	48.8	454,512	43.5	479,262	71.1
Junior Colleges:										
SUBTOTAL	689,466	44.3	64,185	56.8	67,117	58.2	67,641	56.3	69,260	76.2
GRAND TOTAL	29,869,450	58.5	3,024,367	76.6	6,165,140	79.7	5,758,537	72.1	3,213,942	85.9

Accessible Area by Room Codes

Table 26

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Major Research Universities:
219,034	52.1	262,866	70.3	112,886	53.7	10,041	97.7	84,125	8.6	441	100.0	NC State
33,931	67.1	10,496	92.9	5,031	61.9	52,447	99.1	-	-	-	-	NC State Vet.
257,567	50.0	334,162	67.3	164,692	63.4	18,867	95.0	99,995	8.6	165,553	81.8	UNC-Chapel Hill
61,718	94.1	44,376	94.6	17,257	60.3	63,942	98.3	0	0.0	20,909	81.3	UNC-Health Aff.
572,250	54.4	651,900	70.2	299,866	59.2	145,297	98.1	184,120	8.6	186,903	81.8	SUBTOTAL
												Other Doctoral Universities:
46,584	75.4	173,302	62.0	40,676	75.6	9,842	96.4	83,927	17.5	392	0.6	UNC-Greensboro
												Comprehensive Universities:
72,602	45.6	237,259	79.1	44,150	52.2	11,921	99.6	43,516	7.2	4,695	31.0	Appalachian
100,589	67.7	135,071	72.2	29,627	49.9	-	-	8,737	1.2	280	100.0	East Carolina
19,235	62.0	8,676	92.7	10,433	65.2	30,554	86.8	-	-	-	-	ECU-Health Aff.
13,865	30.5	21,488	31.2	16,587	53.5	0	0.0	4,610	3.2	592	14.4	Fayetteville
124,059	64.5	101,169	65.1	28,303	83.9	6,016	100.0	4,696	1.3	0	0.0	NC A & T
81,179	59.5	35,505	31.7	3,034	10.1	0	0.0	14,892	5.8	610	13.0	NC Central
98,947	96.3	181,623	97.4	23,734	100.0	6,162	90.9	200,288	48.8	-	-	UNC-Charlotte
65,758	63.5	43,787	53.0	19,716	81.7	1,219	100.0	17,028	7.9	0	0.0	UNC-Wilmington
158,823	80.9	179,218	80.2	28,775	62.7	1,924	44.3	135,688	26.8	6,966	41.9	West'n Carolina
735,057	65.9	943,796	71.2	204,359	58.6	57,796	79.8	429,455	13.4	13,143	23.3	SUBTOTAL
												Gen. Baccalaureate Universities:
58,524	88.2	68,231	89.3	13,974	100.0	0	0.0	24,849	15.2	14,992	61.5	Elizabeth City
48,255	75.9	55,448	81.5	6,985	38.9	2,160	76.6	6,832	6.2	0	0.0	Pembroke
1,600	4.9	46,450	95.9	14,244	82.5	0	0.0	40,814	54.2	23,138	89.2	UNC-Asheville
59,625	92.1	61,439	80.6	11,730	63.5	0	0.0	23,239	16.8	5,057	5.9	Winston-Salem
168,004	73.9	231,568	86.1	46,933	69.4	2,160	19.3	95,734	19.6	43,187	30.2	SUBTOTAL
												Specialized Institution:
723	9.3	20,498	53.1	22,155	93.9	0	0.0	0	0.0	-	-	NC Sch. of Arts
												Teaching Hospital:
1,791	100.0	34,569	91.9	31,524	86.3	375,652	95.7	2,676	88.9	11,209	100.0	NC Mem. Hosp.
												Technical and Community Colleges:
353,334	88.4	644,066	94.7	265,703	73.8	1,945	99.0	772	7.0	58,683	71.1	SUBTOTAL
						PRIVATE INSTITUTIONS						
												Major Research Universities:
238,501	54.8	551,264	72.9	220,645	49.1	618,740	95.7	160,453	10.1	9,126	69.9	SUBTOTAL
												Gen. Baccalaureate Colleges:
714,112	63.8	987,349	53.9	134,644	37.2	22,912	45.7	418,392	11.3	18,512	13.6	SUBTOTAL
												Junior Colleges:
110,720	67.6	165,608	62.9	33,874	55.9	3,785	42.3	107,146	17.5	130	1.7	SUBTOTAL
2,941,076	64.2	4,403,920	68.7	1,300,379	57.3	1,238,129	92.2	1,482,675	12.1	341,285	45.8	GRAND TOTAL

Accessible Area by Room Codes

Table 26

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Technical and Community Colleges:										
Anson TC	40,975	84.2	5,451	86.8	13,738	75.5	5,059	67.6	6,624	100.0
Ashev'le-Bun. TC	140,920	72.9	34,178	78.2	43,812	63.1	19,146	66.8	9,200	100.0
Beaufort Co. CC	90,782	91.3	14,150	74.6	34,616	100.0	13,644	88.6	8,491	100.0
Bladen TC	68,494	95.9	6,338	100.0	29,084	92.8	7,638	98.6	5,240	100.0
Blue Ridge TC	85,851	99.3	12,414	100.0	41,994	98.9	9,456	99.2	4,517	100.0
Brunswick TC	43,244	73.3	9,684	84.5	20,049	80.0	6,689	96.3	2,801	33.7
Caldwell CC & TI	113,202	91.8	14,540	89.7	34,009	81.4	18,682	97.6	13,005	100.0
Cape Fear TI	133,142	97.3	13,641	95.0	59,450	98.6	27,690	98.6	13,123	100.0
Carteret TC	104,980	81.7	17,036	89.9	31,158	95.3	8,094	81.7	6,367	100.0
Catawba Vy. TC	116,523	72.1	28,366	94.7	33,540	50.5	21,805	93.5	14,597	100.0
C. Carolina TC	99,153	97.5	15,576	100.0	46,675	96.4	16,273	97.2	7,868	96.9
C. Piedmont CC	391,672	92.1	69,326	97.6	137,520	89.0	62,994	95.6	44,067	100.0
Cleveland TC	113,583	95.6	19,204	91.6	46,824	96.5	18,269	98.8	13,183	100.0
Coastal Car. CC	147,036	100.0	22,241	100.0	64,635	100.0	20,460	100.0	15,624	100.0
Col. Albemarle	94,874	99.9	15,207	100.0	38,717	99.7	15,874	100.0	11,415	100.0
Craven CC	91,089	99.4	18,807	100.0	38,511	98.7	12,412	99.6	14,418	100.0
Davidson Co. CC	144,613	99.7	28,869	100.0	43,041	100.0	22,959	100.0	15,832	98.4
Durham TCC	129,309	94.2	23,247	89.7	55,991	97.2	23,840	90.3	5,910	100.0
Edgecombe TC	65,757	79.4	11,930	64.2	26,707	82.9	10,881	85.5	3,568	58.4
Fayettev'le TI	203,599	89.9	51,376	98.0	69,456	91.2	37,544	90.1	11,655	98.2
Forsyth TC	278,005	98.0	58,816	100.0	95,434	95.2	38,185	99.3	19,655	100.0
Gaston Col.	179,098	93.0	34,525	93.7	73,344	96.8	28,713	94.2	9,772	100.0
Guilford TCC	258,037	67.7	48,408	71.8	80,981	58.4	47,094	87.7	30,780	90.3
Halifax CC.	79,687	97.6	14,098	92.3	34,589	100.0	11,090	98.9	9,329	100.0
Haywood TC	158,292	88.1	11,969	76.0	92,071	95.5	17,240	95.1	7,038	100.0
Isothermal CC	117,651	82.6	23,344	86.0	38,708	84.8	15,727	90.0	1,432	13.1
J. Sprunt CC	69,988	90.1	9,975	91.3	33,225	96.2	13,111	77.5	4,336	100.0
Johnston TC	114,155	98.3	28,822	100.0	42,306	99.4	12,142	99.1	4,880	100.0
Lenoir CC	146,130	97.3	25,669	94.3	48,320	97.1	19,510	97.1	16,920	98.7
Martin CC	108,464	97.8	16,798	100.0	43,997	99.5	10,723	87.5	13,448	100.0
Mayland TC	34,605	98.1	6,267	95.5	14,976	99.3	6,384	96.0	3,226	100.0
McDowell TC	45,360	88.7	9,196	80.9	19,819	87.8	7,349	90.4	4,962	100.0
Mitchell CC	103,354	78.1	20,970	84.3	37,442	93.1	13,339	67.7	14,705	100.0
Montgomery TC	42,827	99.4	5,370	100.0	21,084	99.8	6,567	98.2	2,909	100.0
Nash TC	77,833	87.3	26,163	93.1	22,772	76.8	11,178	88.7	3,325	94.1
Pamlico TC	27,496	95.7	4,363	100.0	11,183	100.0	4,573	98.5	3,916	100.0
Piedmont TC	81,905	97.3	10,039	95.8	26,512	94.2	13,178	99.6	6,684	100.0
Pitt CC	99,257	88.6	20,812	83.0	44,026	96.0	13,370	68.4	5,401	100.0
Randolph TC	134,128	100.0	21,156	100.0	55,221	100.0	21,067	100.0	12,034	100.0
Richmond TC	76,532	87.7	10,609	73.7	38,908	95.5	12,351	92.9	6,246	85.0
Roanoke-Cho. TC	58,360	87.5	8,946	77.8	21,748	88.6	9,346	83.8	6,486	100.0
Robeson TC	88,904	95.4	15,512	89.7	39,875	98.3	11,710	99.7	3,844	73.3
Rockingham CC	146,076	93.4	22,155	93.6	43,209	95.1	19,989	99.5	14,622	100.0
Rowan TC	142,108	97.1	31,809	99.4	49,479	97.9	16,758	89.3	15,798	100.0
Sampson TC	50,171	93.2	8,579	88.4	23,818	98.1	9,765	97.5	4,256	100.0
Sandhills CC	133,126	91.7	20,250	96.4	45,830	98.0	21,960	87.9	11,530	99.4
Southeastern CC	99,487	80.8	13,090	59.7	33,377	91.8	12,055	57.7	15,603	85.5
Southwestern TC	78,439	96.3	15,420	100.0	28,972	100.0	12,600	98.4	9,180	100.0
Stanly TC	56,537	99.9	9,082	100.0	23,826	100.0	9,632	99.7	4,443	100.0
Surry CC	114,591	93.0	13,407	64.7	38,756	100.0	13,377	93.7	11,101	100.0
TC Alamance	105,064	99.2	19,622	100.0	46,073	99.6	14,206	99.8	8,290	100.0
Tri-County CC	61,292	95.5	11,159	97.1	35,759	99.6	5,537	95.5	4,167	81.4
Vance-Granv. CC	83,864	88.3	14,359	86.0	34,276	98.0	16,929	96.8	7,032	100.0
Wake TC	159,366	85.5	25,530	84.6	56,964	87.8	35,579	95.4	12,136	98.5
Wayne CC	121,083	91.4	25,812	92.9	52,734	90.1	21,481	90.6	6,336	92.7
W. Piedmont CC	96,154	92.7	13,962	99.6	36,402	99.9	16,537	96.0	10,442	100.0
Wilkes CC	143,973	96.8	22,262	94.9	31,431	99.8	16,553	97.6	9,588	100.0
Wilson Co. TC	116,590	98.5	16,219	100.0	52,202	100.0	18,052	95.2	9,260	100.0
TOTAL	6,506,787	90.4	1,146,125	90.5	2,479,176	91.2	984,366	91.8	572,617	95.2

Accessible Area by Room Codes

Table 26

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
												Technical and Community Colleges:
240	100.0	4,712	100.0	4,029	100.0	-	-	-	-	1,122	100.0	Anson TC
14,151	96.6	8,203	97.7	12,230	67.9	-	-	-	-	0	0.0	Ashev'le-Bun. TC
940	100.0	10,285	82.8	6,856	100.0	-	-	-	-	1,800	100.0	Beaufort Co. CC
349	100.0	14,393	96.3	5,315	100.0	-	-	-	-	137	100.0	Bladen TC
4,492	100.0	4,652	99.3	8,326	100.0	-	-	-	-	-	-	Blue Ridge TC
-	-	1,714	90.4	384	100.0	-	-	-	-	1,923	33.9	Brunswick TC
15,088	98.8	11,259	100.0	6,619	100.0	-	-	-	-	-	-	Caldwell CC & TI
3,283	100.0	12,329	88.7	3,626	100.0	-	-	0	0.0	-	-	Cape Fear TI
1,275	100.0	22,272	98.2	18,778	98.5	-	-	-	-	0	0.0	Carteret TC
4,964	90.1	13,251	100.0	0	0.0	-	-	-	-	-	-	Catawba Vy. TC
3,474	100.0	7,633	100.0	1,638	93.2	16	45.7	-	-	-	-	C. Carolina TC
26,669	89.4	34,382	92.7	7,114	54.0	-	-	-	-	9,600	100.0	C. Piedmont CC
1,858	100.0	8,325	100.0	5,688	78.3	-	-	-	-	232	100.0	Cleveland TC
3,394	100.0	14,742	100.0	5,940	100.0	-	-	-	-	-	-	Coastal Car. CC
726	100.0	9,325	100.0	3,610	100.0	-	-	-	-	-	-	Col. Albemarle
1,797	100.0	4,250	100.0	894	100.0	-	-	-	-	-	-	Craven CC
14,697	100.0	12,431	98.5	6,668	100.0	116	100.0	-	-	-	-	Davidson Co. CC
2,740	100.0	9,689	100.0	7,252	86.9	-	-	-	-	640	100.0	Durham TCC
1,860	92.9	8,849	98.7	1,962	88.3	-	-	-	-	-	-	Edgecombe TC
14,780	82.6	14,695	100.0	3,787	32.8	306	100.0	-	-	-	-	Fayettev'le TI
17,413	98.4	29,012	98.6	5,201	100.0	272	100.0	-	-	14,017	100.0	Forsyth TC
4,370	65.0	22,063	93.9	1,302	29.0	279	100.0	-	-	4,730	100.0	Gaston Col.
8,587	51.9	37,854	87.8	4,249	17.8	84	100.0	0	0.0	-	-	Guilford TCC
649	100.0	7,096	99.1	2,836	83.0	-	-	-	-	-	-	Halifax CC
17,129	60.9	8,610	100.0	4,002	73.7	-	-	233	100.0	-	-	Haywood TC
28,677	99.3	7,832	75.8	1,931	100.0	-	-	-	-	-	-	Isothermal CC
303	100.0	6,275	93.6	2,763	69.3	-	-	-	-	-	-	J. Sprunt CC
9,012	100.0	9,032	99.1	7,808	99.4	-	-	0	0.0	153	19.9	Johnston TC
20,018	99.8	9,271	97.5	6,422	100.0	-	-	-	-	-	-	Lenoir CC
5,808	100.0	12,202	100.0	5,488	88.3	-	-	-	-	-	-	Martin CC
1,204	100.0	2,325	100.0	233	100.0	-	-	-	-	-	-	Mayland TC
-	-	2,982	96.6	1,052	100.0	-	-	-	-	-	-	McDowell TC
1,192	20.7	10,805	56.6	1,669	38.6	-	-	-	-	3,232	89.3	Mitchell CC
1,419	92.3	4,206	100.0	1,272	100.0	-	-	-	-	-	-	Montgomery TC
-	-	2,912	100.0	1,274	65.1	-	-	-	-	10,209	98.2	Nash TC
465	100.0	2,114	100.0	882	43.2	-	-	-	-	-	-	Pamlico TC
9,822	100.0	12,043	98.8	3,627	100.0	-	-	-	-	-	-	Piedmont TC
5,260	96.4	5,275	100.0	3,057	100.0	-	-	-	-	2,056	86.4	Pitt CC
4,769	100.0	12,500	100.0	7,381	100.0	-	-	-	-	-	-	Randolph TC
390	100.0	7,284	84.3	644	27.9	100	100.0	-	-	-	-	Richmond TC
-	-	5,952	97.8	5,882	85.2	-	-	-	-	-	-	Roanoke-Cho. TC
459	100.0	6,319	100.0	3,965	91.0	-	-	-	-	7,220	100.0	Robeson TC
20,733	76.5	18,395	99.7	6,973	100.0	-	-	-	-	-	-	Rockingham CC
3,597	100.0	15,462	94.2	9,205	100.0	-	-	-	-	-	-	Rowan TC
0	0.0	2,289	100.0	1,464	68.8	-	-	-	-	-	-	Sampson TC
8,814	81.4	16,948	99.9	7,255	96.4	-	-	539	9.7	-	-	Sandhills CC
8,228	98.0	11,872	100.0	5,262	95.6	-	-	-	-	-	-	Southeastern CC
191	100.0	10,276	100.0	1,800	39.4	-	-	-	-	-	-	Southwestern TC
234	100.0	7,213	100.0	495	100.0	-	-	-	-	1,612	100.0	Stanly TC
17,796	100.0	14,650	97.0	5,504	100.0	-	-	-	-	-	-	Surry CC
4,101	100.0	8,746	100.0	4,026	100.0	-	-	0	0.0	-	-	TC Alamance
-	-	3,870	100.0	800	40.2	-	-	-	-	-	-	Tri-County CC
2,764	100.0	6,328	97.4	2,176	22.8	-	-	-	-	-	-	Vance-Granv. CC
2,705	92.0	16,986	87.5	9,138	49.2	328	100.0	-	-	0	0.0	Wake TC
1,803	76.5	10,102	97.6	2,644	94.6	171	100.0	-	-	-	-	Wayne CC
4,346	73.3	12,312	100.0	2,099	28.6	54	100.0	-	-	-	-	W. Piedmont CC
21,655	100.0	30,224	90.5	12,260	100.0	-	-	-	-	-	-	Wilkes CC
2,644	100.0	7,038	100.0	10,956	93.0	219	100.0	-	-	-	-	Wilson Co. TC
353,334	88.4	644,066	94.7	265,703	73.8	1,945	99.0	772	7.0	58,683	71.1	TOTAL

Institutional Index

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Anson Technical College	1-3	007985	Anson	Ansonville 28007	08
Appalachian State University	1-2	002906	Watauga	Boone 28608	10
Asheville-Buncombe TC	1-3	004033	Buncombe	Asheville 28801	11
Atlantic Christian College	2-2	002908	Wilson	Wilson 27893	02
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27420	06
Bladen Technical College	1-3	007987	Bladen	Dublin 28332	03
Blue Ridge Technical College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-3	002912	Transylvania	Brevard 28712	11
Brunswick Technical College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buie's Creek 27506	03
Cape Fear Technical Institute	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Technical College	1-3	008081	Carteret	Morehead City 28557	01
Catawba College	2-2	002914	Rowan	Salisbury 28144	08
Catawba Valley TC	1-3	005318	Catawba	Hickory 28601	10
Central Carolina TC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28204	09
Chowan College	2-3	002916	Hertford	Murfreesboro 27855	01
Cleveland Community College	1-3	008082	Cleveland	Shelby 28150	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28540	03
College of the Albemarle	1-3	002917	Pasquotank	Elizabeth City 27909	01
Craven Community College	1-3	008086	Craven	New Bern 28560	01
Davidson College	2-2	002918	Mecklenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27292	06
Duke University	2-1	002920	Durham	Durham 27706	02
Duke Medical Center	2-2		Durham	Durham 27706	02
Durham Technical CC	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-2	002923	Pitt	Greenville 27834	01
ECU-Health Affairs	1-1		Pitt	Greenville 27834	01
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002926	Pasquotank	Elizabeth City 27909	01
Elon College	2-2	002927	Alamance	Elon College 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville Technical Institute	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth Technical College	1-3	005317	Forsyth	Winston-Salem 27103	05
Gardner-Webb College	2-2	002929	Cleveland	Boiling Springs 28017	10
Gaston College	1-3	002973	Gaston	Dallas 28034	10
Greensboro College	2-2	002930	Guilford	Greensboro 27420	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	02
Haywood Technical College	1-3	008083	Haywood	Clyde 28721	11
High Point College	2-2	002933	Guilford	High Point 27262	06

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Institution	Type*	FICE Code	County	City	Congr. Dist.**
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Technical College	1-3	009336	Johnston	Smithfield 27577	03
Lees-McRae College	2-3	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28501	01
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	08
Louisburg College	2-3	002943	Franklin	Louisburg 27549	04
Mars Hill College	2-2	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Technical College	1-3	011197	Mitchell	Spruce Pine 28777	11
McDowell Technical College	1-3	008085	McDowell	Marion 28752	11
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28301	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Technical Institute	1-3	008087	Montgomery	Troy 27371	08
Montreat-Anderson College	2-3	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Community Institute	1-3	008557	Nash	Rocky Mount 27801	02
N. C. A & T State University	1-2	002905	Guilford	Greensboro 27411	06
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27107	05
N. C. State University	1-1	002972	Wake	Raleigh 27650	04
NCSU Veterinary School	1-1		Wake	Raleigh 27650	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27801	02
Pamlico Technical College	1-3	007031	Pamlico	Grantsboro 28529	01
Peace College	2-3	002953	Wake	Raleigh 27604	04
Pembroke State University	1-2	002954	Robeson	Pembroke 28372	07
Pfeiffer College	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Bible College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Technical College	1-3	009646	Person	Roxboro 27573	02
Pitt Community College	1-3	004062	Pitt	Greenville 27834	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
Randolph Technical College	1-3	005447	Randolph	Asheboro 27203	04
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan TC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Technical College	1-3	008612	Robeson	Lumberton 28358	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05
Rowan Technical College	1-3	005754	Rowan	Salisbury 28144	08
Sacred Heart College	2-2	002959	Gaston	Belmont 28012	10
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Saint Mary's College	2-3	002969	Wake	Raleigh 27603-1689	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	05
Sampson Technical College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Southern Pines 28327	03
Shaw University	2-2	002962	Wake	Raleigh 27602	04
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Technical College	1-3	008466	Jackson	Sylva 28779	11
Stanly Technical College	1-3	011194	Stanly	Albemarle 28001	08

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Surry Community College	1-3	002970	Surry	Dobson 27017	05
TC of Alamance	1-3	005463	Alamance	Haw River 27258	06
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28814	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27514	04
U. of N. C. at Charlotte	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-2	002976	Guilford	Greensboro 27412	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27514	04
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28406	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	02
Wake Forest University	2-1	002978	Forsyth	Winston-Salem 27109	05
Wake Technical College	1-3	004844	Wake	Raleigh 27603	04
Warren Wilson College	2-2	002979	Buncombe	Swannanoa 28778	11
Wayne Community College	1-3	002980	Wayne	Goldsboro 27530	03
Western Carolina University	1-2	002981	Jackson	Cullowhee 28723	11
Western Piedmont CC	1-3	002982	Burke	Morganton 28655	10
Wilkes Community College	1-3	002983	Wilkes	Wilkesboro 28697	05
Wilson County TC	1-3	004845	Wilson	Wilson 27893	02
Wingate College	2-2	002985	Union	Wingate 28174	08
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27102	05

*The Type Code in this index indicates the control and level of the institution. Controls are a "1" for public and a "2" for private institutions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions.

**Based on 1980 census.

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